CANTERBURY STREET, GILLINGHAM

PHASE I ENVIRONMENTAL RISK ASSESSMENT

FEBRUARY 2008

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EXECUTIVE SUMMARY

It is understood that Charing Care Limited are currently pursuing planning permission to convert the former Municipal Buildings into a 24 bed care home with associated car parking and limited soft landscaping. Due to the historic site use as Gillingham Hospital during the early 1900's it is likely that the Local Planning Officer (LPO) at Medway Council required an assessment for the potential of land contamination with a Phase I Environmental Risk Assessment to support the planning application. This Phase I Environmental Risk Assessment will form the first stage of a site assessment to determine the potential sources of contamination before undertaking any further intrusive Phase II investigation works if considered necessary once planning has been granted.

The objectives of the assessment were to identify any potential environmental issues / liabilities as a result of current and historical activities, assess the potential risks from any environmental issues to the current environmental setting (likely ground conditions) and proposed redevelopment and identify any further work actions if required to clarify and mitigate any risks. Key factual information relating to the site is summarised below.

Address:	Municipal Buildings off Canterbury Street, Gillingham, ME7 5XL		
Grid Reference:	E577790, N167140	**Approx Site:**	0.8ha

Current Status:	Disused	✓	**Proposed Use:**	Unchanged	
	Operational			Redevelop	✓
	Other			Change of use	

Land Use

The site is rectangular in shape and comprises one main 1930's building, formerly occupied with Municipal offices. The building, which is of two to three storey brick construction, occupies the west of the site. A further two smaller single storey buildings are also located in the east of the site, comprising former office and conference space. The remainder of the site generally comprises open car parking space with limited soft landscaping. A former bunker, comprising only a bricked entrance at the ground surface, is also situated in the east of the site.

Environmental Setting

The site is directly underlain by the Upper Chalk, specifically comprising white variable chalk with flint up to 90m thick. No overlying drift deposits are present. There is one licensed groundwater abstraction recorded approximately 795m SW of the site; used for potable water supply. The nearest surface water feature comprises the Limehouse and Chatham Reach approximately 2.5km NW of the site.

Potential Sources of Contamination

The following potential sources of contamination were identified:

- Historic site use as an Infectious Disease Hospital from the late 1890s to the 1930s.
- Former on-site Municipal Buildings developed during the 1930s until the present day.
- Historic material storage in the form of an above ground tank within the former boiler room.
- Asbestos containing materials including pipe lagging and floor tiles.

Environmental Risk Assessment

The findings of this environmental risk assessment have identified moderate / low risks to future site users and renovation / landscape workers from the historic site use as a hospital. Moderate and high risks were also assessed to future site users and renovation workers respectively due to the presence of asbestos containing materials within the existing buildings. All other risks relating to the major aquifer, future building materials and underground services have been assessed as very low to low.

Statutory Designation

Based on the findings of the Phase I ERA, subject to any response from Medway Council, it unlikely that the site would be designated as statutory contaminated land by the Local Authority under the provision of Part IIA of the Environmental Protection Act 1990 (inserted by Section 57 of the Environment Act 1995). A proven "pollutant linkage" within the definition of causing *"significant possibility of significant harm"* to people, controlled waters or the wider environment as defined in the statutory guidance, *Edition 2, May 2006* has not been identified at the site based on the findings of this investigation.

Recommendations

The Phase I ERA has identified limited potential pollution linkages including the historic site use as a hospital (up to the 1930s) and the asbestos containing materials present within the existing buildings. Further 'targeted' investigation and management and disposal of the asbestos containing materials is therefore recommended, as summarised below:

- One day trial pitting or window sampling within the areas of the proposed soft landscaping (particularly around the former bunker) to allow the recovery of soil samples for chemical testing.

- Appropriate management and disposal of the asbestos containing materials to a suitably licensed waste disposal site by a specialist asbestos contractor.

Finally, it is recommended that a copy of this Phase I ERA is forwarded to the Local Planning Authority at Medway Council to support the planning application as requested and approve the recommended investigation works.

1.0 INTRODUCTION

1.1 This Phase I Environmental Risk Assessment (ERA) for the Municipal Buildings off Canterbury Street, Gillingham has been prepared by Millard Consulting for the benefit of Charing Care Limited. The assessment has been undertaken in accordance with our scope of works dated 16 December 2009. No third party liability or duty of care is extended. Third parties using information contained in this report do so at their own risk.

1.2 It is understood that Charing Care Limited are currently pursuing planning permission to convert the former Municipal Buildings into a 24 bed care home with associated car parking and limited soft landscaping. Due to the historic site use as Gillingham Hospital during the early 1900's it is likely that the Local Planning Officer (LPO) at Medway Council required an assessment for the potential of land contamination with a Phase I Environmental Risk Assessment to support the planning application. This Phase I Environmental Risk Assessment will form the first stage of a site assessment to determine the potential sources of contamination before undertaking any further intrusive Phase II investigation works if considered necessary once planning has been granted. Any Phase II site investigation works are likely to be in the form of a planning condition. The location of the site is shown on Drawing 10705/14/001.

Scope of Works

1.3 The Phase I Environmental Risk Assessment comprises a desk study review of existing information on the site combined with a site walkover and an assessment of potential environmental liabilities. A detailed description of the methodology for undertaking a Phase I Environmental Risk Assessment is in Appendix A. The main aspects are summarised below:

- Review of available historical Ordnance Survey maps of the site and surrounding areas.
- Review of published geological, hydrogeological and hydrological records to assess the environmental setting of the site and surrounding areas.
- Review of available public information and up-to-date regulatory information from regulatory authorities to identify any potentially significant environmental issues at the site and surrounding areas.

- Review of any existing information and reports relating to the site and surrounding area, including any available plans.
- Site walkover to assess the potential for environmental liabilities associated with the site and surrounding area which may impact on the development potential.
- Development of a conceptual model and risk assessment to assess potential contaminative sources, pathways and receptors on the site or surrounding properties.

1.4 The report has been prepared using published information and information provided by the Client which was made available at the time of writing only. No liability is extended to any information which has become available since this time.

Land Quality Assessment Methodology

1.5 Environmental regulators use the "source-pathway-target pollution linkage" concept when assessing the risk posed by a contaminated site and for a liability to arise each stage of the pollution linkage must be present. If there is no pollution linkage, then there is no risk. If a pollution linkage is established, the assessment will then consider the level risk and whether any further works or actions are required to clarify, manage or mitigate the risk. The method of assessment is in accordance with available guidance from the Department of the Environment, Transport and the Regions (DETR) Statutory Guidance on Contaminated Land (Ref. 1) and Model Procedures (CLR11) produced by the Department for Environment, Food & Rural Affairs (DEFRA) and the Environment Agency (EA) (Ref. 2).

1.6 References to the word “contamination” in this report relate to the statutory definition of contaminated land under the Environmental Protection Act 1990: Part IIA Contaminated Land Statutory Guidance: Edition 2, May 2006 unless otherwise stated.

1.7 That definition is: “*any land which appears to the Local Authority in whose area it is situated to be in such a condition, by reason of substances on in or under the land that* –

a) Significant harm is being caused or there is a significant possibility of such harm being caused; or

b) Significant pollution of water environment is being caused or there is significant possibility of such pollution being caused”.

Report Structure

1.8 Chapter 2 of the report provides information relating to the "source" of potential contamination through a study of current and historical land use, whilst the environmental setting information in Chapter 3 relates to the "target" and "pathway" stages. Chapter 4 assesses the findings of the conceptual model and risk assessment with conclusions set out in Chapter 5 and recommendations for further actions, if required, in Chapter 6. The report references are listed in Chapter 7.

2.0 LAND USE

Site Location

2.1 The site is located off Canterbury Street in Gillingham situated between Chatham and Gillingham own centres. The site is centred within OS grid reference E577790, N167140 and covers an approximate area of 0.8ha. The site is indicated on Drawing 10705/14/002 by the site boundary shown in red.

2.2 The topography of the site is generally level and set primarily within a residential area with dwellings to the south and west of the site. Gillingham Park forms the north and east site boundaries beyond which lies further residential development. The site is accessed off Canterbury Street.

Site Description

2.3 The site is rectangular in shape and comprises one main 1930's building, formerly occupied with Municipal offices. The building, which is of two to three storey brick construction, occupies the west of the site. A further two smaller single storey buildings are also located in the east of the site, comprising former office and conference space. The remainder of the site generally comprises open car parking space with limited soft landscaping. A former bunker, comprising only a bricked entrance at the ground surface, is also situated in the east of the site.

Site Walkover & Inspection

2.4 Millard Consulting carried out a walkover of the site, including an internal inspection of the main Municipal building and external bunker, on 29 January 2009. During this walkover, the following key observations were made with regard to the current and previous site activities. A selection of photographs taken during the site visit is enclosed in Appendix B.

Material Storage

2.5 With the exception of one former above ground storage tank (AST) there was no evidence of material storage noted during the site walkover. The former AST is present within the

historic boiler room of the Municipal Building and comprises a metal skinned tank stored within a fully contained concrete bund / room. Anecdotal evidence suggests that the AST was formerly used to store diesel to fuel the boiler room up until approximately two years ago when the boiler was transferred to gas. It is considered likely that the tank has since been decommissioned and there was no visual or olfactory evidence of staining.

Waste Materials

2.6 With the exception of minor litter present within the external car parking areas, no further waste storage was noted during the site walkover.

Asbestos Containing Materials

2.7 A Type 2 (non-intrusive) asbestos survey was carried out across the site during February 2005. The survey confirmed the presence of chrysotile (white) asbestos within some pipe lagging and amosite (brown) asbestos within the bitumen adhesive of the boiler room flue gasket and floor tiles of the bunker. With the exception of the boiler room floor tiles, all suspected ACMs were assessed as being in a fair condition.

Public Record Information

2.8 Information on potentially significant environmental issues and controls at the site and surrounding area may be held on public records by regulatory authorities. This information is sourced directly from the regulatory authorities and from Landmark Information Group (taken within a 2 km radius of the site centre). A copy of the Envirocheck Report supplied by Landmark Information Group (Ref. 3) is enclosed in Appendix C. A summary of the significant environmental issues and controls in the Envirocheck Report are summarised in Table 1:

Table 1: Publicly Recorded Information

Public Record	On site or Off site	Features	Potential Contaminants
Discharge Consents	Off-site	Two discharge consents are recorded within 600m of the site, the closest relating to Southern Water Services Ltd and storm sewage overflow into an estuary approximately 230m E of the site. The second consent also relates to storm sewage overflow approximately 540m SE of the site.	-
Local Authority Pollution Prevention Control (LAPPC)	Off-site	Three LAPPCs are recorded within 1km of the site, the closest relating to a petrol filling station located approximately 95m NW of the site. The second control also relates to a petrol filling station (approximately 595m SE of the site) and the third relating to the coating of metal and plastic.	-
Pollution Incidents to Controlled Waters	Off-site	Five pollution incidents are recorded within 1km of the site, the closest recorded approximately 690m NW of the site and relating to the spillage of 8 litres of battery acid into a drain at Medway Hospital. All incidents are classified as a Category 3-minor incident.	-
Registered Radioactive Substances	Off-site	Six registered radioactive substances are recorded within 1km of the site, the closest of which relate to Medway Hospital and the storage and use of radioactive materials, approximately 730m W of the site.	-
Substantiated Pollution Incidents	Off-site	One incident is recorded approximately 960m W of the site, relating to the spillage of organic chemicals to land. The incident is classified as a Category 2 significant incident.	-
Licensed Waste Management Facility	Off-site	One licensed waste management facility is recorded approximately 930m NW of the site. The facility, the licence for which has now surrendered, comprised a special waste transfer station, last dated December 2004.	-
Registered Waste Transfer Site	Off-site	One waste transfer site is located approximately 930m NW of the site, relating to Medway Hospital and the transfer of clinical waste.	-
Contemporary Trade Directory Entries	Off-site	35 entries are recorded within 500m of the site, with the closest being approximately 95m NW relating to a petrol filling station. The remaining directories within 250m relate to welding, window manufacturer, metal finishing, vehicle servicing and boiler services.	-
Fuel Stations	Off-site	One fuel station is located within 500m of the site, approximately 95m NW of the site.	-

Potential impact to the site from significant environmental issues is in bold.

The approximate bearing of identified features is abbreviated with the first letter (e.g. south West = SW).

Regulator Consultations

2.9 The local environmental health officer at Medway Council (MC) has been contacted in order to establish whether there are any records of any breaches of environmental regulations, pollution incidents, environmental conditions or general environmental concerns associated with the site.

2.10 We are awaiting a response from the MC. Any notable information received following submission of the report will be forwarded under a separate cover with a revised risk assessment (if appropriate).

Site History

2.11 The site history has been assessed by reviewing historical Ordnance Survey maps provided by Landmark Information Group (Ref. 3). Table 2 summaries the full history of the site and surrounding area with an indication of the potential contaminants. A copy of the historical maps is enclosed in Appendix E.

Table 2: Site History

Maps Dated	On-site/ Off-site	Features	Potential Contaminants
1866 - 1874	On-site	The site is shown to comprise open fields with a row of conifers forming the southern site boundary.	-
	Off-site	The surrounding area generally comprises open greenfields with localised farm buildings. An unnamed road, which branches off a larger road to the S of the site, forms the western site boundary. A small orchard associated with a residential dwelling is located approximately 50m S of the site.	-
1869	On-site	No changes of environmental significance are shown from the previous map.	-
	Off-site	The London Chatham and Dover Railway is shown approximately 1.1km to the N of the site and residential development has occurred to the SW and S of the site.	-
1896	**On-site**	The site has been redeveloped into Gillingham Hospital and is labelled as 'Infectious Diseases'. It comprises one main building in the centre of the site and a smaller mortuary in the E.	Heavy metals, hydrocarbons, pH, biological / clinical contaminants
	Off-site	The unnamed road to the W of the site is labelled as Beacon Close Lane and residential development is shown along this road. The road to the S of the site is labelled as Watling Street with further residential development shown. A small smithy is shown approximately 200m SW of the site.	Smithy – heavy metals, hydrocarbons, pH
1898	On-site	No changes of environmental significance are shown from the previous map.	-
	Off-site	Residential development has continued to the N and W of the site and several small chalk pits are located approximately 400m to the SW and S of the site.	-
1909, 1910	**On-site**	A further two large rectangular buildings and one smaller building have been constructed in the E of the site.	Heavy metals, hydrocarbons, pH, biological / clinical contaminants
	Off-site	Gillingham Park has been developed to the N and E of the site with further residential development extended up to the S and W boundaries. A brick works is labelled approximately 1km to the SW and a Royal Naval Hospital has been constructed 700m NW.	-
1932-1938	On-site	The hospital buildings have been demolished and the site has been redeveloped as Municipal Offices comprising one main rectangular building and two smaller buildings to the E.	-
	Off-site	The brick works are no longer labelled and the associated pits are labelled as disused. Extensions are shown to the Royal Naval Hospital and the smithy and chalk pits to the S and SW are no longer shown on the maps.	Infilled chalk pits – ground gases (methane and carbon dioxide)
1938-1950	On-site	No changes of environmental significance are shown from the previous map.	-
	Off-site	No changes of environmental significance are shown from the previous map with the exception of allotment gardens approximately 380m NW of the site.	-

Maps Dated	On-site/ Off-site	Features	Potential Contaminants
1954	On-site	The buildings in the E of the site have been extended to comprise two small buildings (one of which extends partly off-site) and one 'L' shaped building.	-
	Off-site	No changes of environmental significance are shown from the previous map.	-
1955	On-site & Off-site	No changes of environmental significance are shown from the previous map.	-
1962 - 1967	On-site	No changes of environmental significance are shown from the previous map.	-
	Off-site	The brick works to the SW and associated pits have been redeveloped into residential properties and the Royal Naval Hospital has been renamed as Medway Hospital.	-
1971	On-site	Further extensions are shown to the buildings in the SE of the site.	-
	Off-site	A small joinery works and sub station are shown approximately 100m SW and a builders yard is shown 100m NW.	-
1975, 1981, 1984, 1991	On-site & Off-site	No changes of environmental significance are shown from the previous map.	-
1994	**On-site**	The buildings in the SE of the site have been demolished and two square buildings have been constructed in the E and NE. The site is still labelled as Municipal Offices.	ACMs within the shallow soils
	Off-site	The joinery works and builders yard are no longer labelled on the maps.	-
1999, 2008	On-site & Off-site	No changes of environmental significance are shown from the previous map.	-

Potential impact to the site from significant environmental issues is in bold.

The approximate bearing of identified features is abbreviated with the first letter (e.g. south West = SW).

3.0 ENVIRONMENTAL SETTING

Geology

3.1 The 1:50,000 British Geological Survey (BGS) map (sheet 161) (Ref. 4) shows the site to be directly underlain by the Upper Chalk, specifically comprising white variable chalk with flint up to 90m thick. No overlying drift deposits are present.

Hydrogeology

3.2 The Groundwater Vulnerability Map of England (Ref. 3, 5) indicates that the site is situated on a major aquifer with a high soil leaching potential. The site is situated within an Outer Groundwater Source Protection Zone III.

3.3 There is one licensed groundwater abstraction recorded within 1km of the site approximately 795m SW of the site. The abstraction is operated by Southern Water Services Limited and used for potable water supply. A further eight abstractions are recorded within 2km of the site.

3.4 A detailed description of the aquifer types, soil classification and Source Protection Zones is in Appendix A.

Hydrology

3.5 There is one licensed surface water abstraction recorded within 1km of the site. This abstraction is situated approximately 980m S of the site and operated by Southern Water Services Limited for industrial cooling. The source of the abstraction is recorded as a pond or lake.

3.6 There are no surface water features present within 1km of the site with the nearest feature being the Limehouse and Chatham Reach approximately 2.5km NW of the site.

3.7 According the EA website (Ref. 5), the site is situated over groundwater that is assessed as being in good quantitative quality under the Water Framework Directive.

3.8 According to the Envirocheck Report (Ref. 3), the site is situated in Flood Zone 1 and is therefore assessed as having less than a 1 in 1000 year (<0.1%) annual probability of flooding.

Ecology

3.9 The nearest site of ecological importance is a Local Nature Reserve (Darland Banks) situated approximately 950m SE of the site.

3.10 The potential for coal mining to potentially impact the site is assessed below:

Coal Mining Affected Areas:

Conclusive	
Inconclusive	
No evidence	✓

3.11 According to the Coal Authority database (Ref.: 3), the site is located in an area which may not be affected by coal mining.

3.12 According to the Envirocheck report, the potential for running sand ground stability and shrink-swell hazards at the site is considered to be very low.

3.13 The percentage of potential buildings that could be effected by radon gas above action levels in the area of the site is set out below:

Radon Affected Areas:

<1% above action level	✓
1-3% above action level	
3-10% above action level	
>10% above action level	

3.14 According to the BGS (Ref.: 3), no radon protective measures are necessary in the construction of new dwellings at the site.

Environmental Sensitivity

3.15 The sensitivity of each of the identified receptors is rated depending upon the environmental setting of the site, the likelihood for pollution to occur and potential liabilities associated with a pollution incident.

	Very Low	Low	Moderate	High	Very High
Groundwater:					✓
Surface Water:		✓			
Ecology:		✓			

3.16 The sensitivity of the groundwater is considered as very high reflecting the major aquifer underlying the site and site location within an Outer Groundwater Protection Zone. The absence of overlying drift deposits and as such the limited protection to the major aquifer has also been taken into account. One licensed groundwater abstraction recorded within 1km of the site, for potable water supply.

3.17 The sensitivity of surface water is considered as low reflecting the absence of surface water features within 1km of the site.

3.18 The sensitivity of the ecology is considered low as the nearest site of ecological sensitivity is situated over 900m from the site.

4.0 ENVIRONMENTAL RISK ASSESSMENT

Introduction

4.1 This section assesses the significance of the environmental issues that have been identified on the site or in the surrounding area. This is achieved by developing a conceptual model for the site and undertaking a qualitative risk assessment.

4.2 The objective of the conceptual model is to identify potential contaminant sources, pathways and receptors relating to the site and surrounding area. Once information on potential sources, pathways and receptors has been collated a qualitative risk assessment (Ref. 6) is used to assess the source-pathway-receptor linkage and evaluate the potential for a pollution event to occur using a risk classification tool (Ref. 8). The level of risk is achieved by comparing the likelihood of a pollution event to occur versus the consequence of a pollution occurrence. The consequence is essentially a measurement of the severity of a hazard (or source) and sensitivity of the receptor (e.g. aquifer type or end user).

Conceptual Model

4.3 The potential sources (hazards) identified on site and surrounding the site are summarised below:

- Historic site use as an Infectious Disease Hospital from the late 1890s to the 1930s. Hospital comprised a number of buildings including a mortuary during this time. All buildings appeared to have been demolished prior to the construction of the subsequent Municipal Buildings. Possible presence of buried waste materials, clinical waste and ash from historical operations and demolition of historic buildings. Potential for residual contaminants including but not limited to heavy metals, hydrocarbons, pH and biological contaminants within the shallow soils.

- Former on-site Municipal Buildings developed during the 1930s until the present day. Buildings generally utilised as office space and dry storage. Some construction works (including the demolition and reconstruction of several buildings in the east of the site) undertaken during 1980 / 90s. Material storage likely to have been limited and small scale with exception of former fuel AST (assessed separately below). Potential for residual contamination within the shallow soils.

- Historic material storage in the form of an AST within the former boiler room. The AST comprised a good condition metal skinned tank within a fully contained concrete bund / room. AST likely to have been decommissioned following transfer of boiler room to gas approximately two years ago and no visual evidence of staining noted. Potential for contamination to be present within underlying soils from leakages and spillages, which tend to be more prone around the fill points.

- Existing buildings that contain ACMs including pipe lagging and floor tiles. Type 2 survey confirmed the presence of chrysotile and amosite.

4.4 The off-site infilled chalk pits located approximately 400m from the site have not been considered further reflecting the distance to site, the time that has lapsed since the pits were infilled (>70 years) and the relatively small size of the pits. The presence of more sensitive residential housing within the area of the former pits has also been taken into account.

4.5 The small smithy located approximately 200m southwest of the site has not been considered further reflecting the period of operation and time that has lapsed since (>70 years), the distance to site and the presence of more sensitive housing over the area of the former smithy. The low mobility of any contaminants likely to be associated with the former smithy has also been taken into account.

4.6 The receptors and possible pathways in relation to the site and surrounding areas are summarised below:

- Future end-users comprising long term occupiers of the care home, visitors and care home workers. Possible direct contact with contaminated soils, accidental ingestion and inhalation of contaminated dust generated from soils. Presence of buildings and hardstanding across the site will act as a barrier between future site users and the underlying soils. Very limited soft landscaping proposed as part of the redevelopment works around the former ‘bunker’ and site entrance.

- Construction workers during the renovation works. Possible direct contact with contaminated soils and accidental ingestion, inhalation of contaminated dust generated from soils. Groundwork’s likely to be limited to landscaping and shallow excavations and footings from any new services.

- Groundwater (major aquifer) – Pollution of major aquifer from identified sources and leaching from contaminated soils. Downward and lateral migration through the soils. No drift deposits present over Upper Chalk.

- Existing and any future building structures and underground services. Chemical attack on underground services including drinking water pipes.

4.7 Surface water has not been considered further as a receptor reflecting the absence of surface water features within 1km of the site.

Qualitative Risk Assessment

4.8 A qualitative risk assessment has been formulated for the potential source-pathway-receptor linkages identified in the conceptual model. The risk assessment is based on the suggested approach set out in the available guidance (Ref. 6, 7). The guidance uses a combination of the likelihood of a pollution event to occur taking account of the presence of a hazard (or source) and integrity of a pathway versus the consequence of a pollution occurrence, which is essentially a measure of the severity of a hazard to an identified receptor (such as a major aquifer or site end-user).

4.9 The risk assessment methodology detailing the classes of significance is given in Appendix A. The risks associated with each potential pollution linkage are evaluated in Table 4.

Table 4: Qualitative Risk Assessment

Source	Pollutant	Pathway	Receptor	Likelihood of Occurrence	Consequence (severity)	Potential Risk
Former hospital present from 1890s to 1930s	Potential heavy metals, hydrocarbons, waste materials and biological contaminants within the shallow soils	Direct contact and ingestion of contaminated soils, inhalation of contaminated dust generated from soils. Exposure to soils likely to be limited and short term. Presence of hardstanding will act as a barrier.	Future end users (care home residents, visitors and workers)	Low Likelihood	Medium	Moderate / Low
		Direct contact and ingestion of contaminated soils. Inhalation of contaminated dust during renovation. Groundwork's likely to be limited and short term.	Renovation workers and landscapers	Low likelihood	Medium	Moderate / low [use of personal protection equipment would lower the risk]
		Infiltration, through low permeable glacial deposits to sensitive groundwater/ aquifer. Nearest abstraction located >900m. Presence of hardstanding would have acted as barrier. Material storage likely to have been small scale.	Groundwater (major aquifer)	Unlikely	Medium	Low
		Future attack on any existing or new underground structures or services.	Drinking water pipes	Unlikely	Medium	Low
Former Municipal Buildings from 1930s until present day	Potential heavy metals and hydrocarbons within the shallow soils	Direct contact and ingestion of contaminated soils, inhalation of contaminated dust generated from soils. Exposure to soils likely to be limited and short term. Presence of hardstanding will act as a barrier to underlying soils.	Future end users (care home residents, visitors and workers)	Unlikely	Mild	Very Low
		Direct contact and ingestion of contaminated soils. Inhalation of contaminated dust during renovation. Groundwork's likely to be limited and short term.	Renovation workers and landscapers	Low Likelihood	Mild	Low

Source	Pollutant	Pathway	Receptor	Likelihood of Occurrence	Consequence (severity)	Potential Risk
Former Municipal Buildings from 1930s until present day	Potential heavy metals and hydrocarbons within the shallow soils	Infiltration, through low permeable glacial deposits to sensitive groundwater/ aquifer. Nearest abstraction located >900m. Presence of hardstanding would have acted as barrier. Material storage likely to have been mostly paper based.	Groundwater (major aquifer)	Unlikely	Mild	Very Low
		Future attack on any existing or new underground services.	Drinking water pipes	Unlikely	Mild	Very low
Former AST within boiler room	Potential hydrocarbons within underlying soils from leakages	Direct contact and ingestion of contaminated soils, inhalation of contaminated dust generated from soils. Exposure to soils likely to be limited and short term. Presence of hardstanding will act as a barrier to underlying soils.	Future end users (care home residents, visitors and workers)	Unlikely	Medium	Low
		Direct contact and ingestion of contaminated soils. Inhalation of contaminated dust during renovation. Groundwork's likely to be limited and short term.	Renovation workers and landscapers	Low Likelihood	Medium	Moderate / low [use of personal protection equipment would lower the risk]
		Infiltration, through low permeable glacial deposits to sensitive groundwater/ aquifer. Nearest abstraction located >900m. AST within fully contained bund / concrete room. No staining noted. No longer in use.	Groundwater (major aquifer)	Unlikely	Medium	Low
		Future attack on any existing or new underground services.	Drinking water pipes	Unlikely	Medium	Low

Source	Pollutant	Pathway	Receptor	Likelihood of Occurrence	Consequence (severity)	Potential Risk
Existing buildings	Asbestos in form of chrysotile and amosite	Inhalation of asbestos fibres.	Future end users (care home residents, visitors and workers)	Low Likelihood	Severe	Moderate [controlled removal and disposal of ACMs would remove the risk]
			Renovation workers	Likely	Severe	High [use of personal protection equipment would lower the risk]

5.0 CONCLUSIONS

5.1 The findings of this environmental risk assessment have identified limited potential sources of contamination generally associated with the historic site use as Municipal Offices and prior to this as an Infectious Disease hospital. The risks posed to future site users and the major aquifer from the former Municipal Buildings (operations on-site from the 1930s), however, have been assessed as acceptably low. This conclusion generally reflects the nature of the site use and the likely limited material and waste storage during this time. It is considered likely that the operation as office would have had a very limited impact on the underlying soils. The risks posed by the AST within the boiler room have also been assessed as posing a low risk to identified receptors generally reflecting the condition of the tank, the presence of the tank within a fully contained concrete bund / room and also the lack of staining. Anecdotal evidence suggesting the likely decommission of the tank following the end of its use (approximately two years previously) has also been taken into account.

5.2 Notwithstanding this however, moderate / low risks have been assessed to future site users and renovation / landscape workers from the historic site use as a hospital. This reflects the potential for waste and material storage during the hospital operation but also the potential for demolition debris to be present within the shallow soils following the redevelopment of the site during the 1930s. The potential exposure to the soils within the areas of proposed soft landscaping (particularly around the former bunker) has also been taken into account. In order to further assess these risks it would therefore be prudent to carry out a limited and 'targeted' investigation focusing on the areas of soft landscaping.

5.3 Moderate to high risks have also been assessed to future site users and construction workers respectively from the presence of ACMs within the existing buildings. This level of risk is more a consequence of the severity of the hazard rather than the likelihood of occurrence. However, the controlled management and removal of the ACMs prior to the redevelopment would lower the risk posed to future users to acceptably low levels by removing the source and thereby breaking the pollutant linkage. The risks posed to construction workers during the renovation works would also be mitigated with the use of appropriate PPE and an awareness of the hazards.

5.4 All other risks relating to the major aquifer, future building materials and underground services have been assessed as very low to low.

Statutory Designation

5.5 Based on the findings of the Phase I ERA, subject to any response from MC, it unlikely that the site would be designated as statutory contaminated land by the Local Authority under the provision of Part IIA of the Environmental Protection Act 1990 (inserted by Section 57 of the Environment Act 1995). A proven "pollutant linkage" within the definition of causing *"significant possibility of significant harm"* to people, controlled waters or the wider environment as defined in the statutory guidance, *Edition 2, May 2006* has not been identified at the site based on the findings of this investigation.

6.0 RECOMMENDATIONS

6.1 The Phase I ERA has identified limited potential pollution linkages including the historic site use as a hospital (up to the 1930s) and the ACMs present within the existing buildings. Further 'targeted' investigation is therefore recommended in order to further assess the risks posed to future site users by determining the nature of the ground conditions within the areas of proposed soft landscaping. The limited investigation would also allow the risks to construction workers to be clarified, prior to the commencement of the renovation works.

6.2 It is therefore proposed that the 'targeted' investigation comprises one day trial pitting or window sampling within the areas of the proposed soft landscaping (particularly around the former bunker) to allow the recovery of soil samples for chemical testing. It is anticipated that ten samples would be recovered and tested for a chemical analysis suite reflecting the findings of the Phase I ERA and based on any visual observations made during the investigation.

6.3 It is also recommended that the identified ACMs within the Municipal Building and external bunker be appropriately managed and disposed of to an appropriately licensed waste disposal site by a specialist asbestos contractor. It should be noted that a Type 3 asbestos survey may be required prior to the renovation of the existing buildings.

6.4 Finally, it is recommended that in the first instance a copy of this Phase I ERA is forwarded to the Local Planning Authority at Medway Council to support the planning application as requested and approve the recommended investigation works.

7.0 REFERENCES

1. Department of the Environment, Transport and the Regions. Circular 01/2006, Statutory Guidance on Contaminated Land. May 2006.

2. DEFRA/Environment Agency, Model Procedures for the Management of Land Contamination, CLR11, September 2004.

3. Envirocheck Report (regulatory searches and OS historical maps) prepared by Landmark Information Group dated 26 January 2009.

4. British Geological Survey 1969 Sheet 272 Chatham, Solid and Drift Edition. 1:50,000.

5. Information from Environment Agency Website: www.environment-agency.gov.uk consulted January 2009.

6. Department of the Environment, Transport and the Regions, Environment Agency and Institute of Environmental Health. Guidelines for Environmental Risk Assessment and Management. HMSO July 2000.

7. Construction Industry Research and Information Association (CIRIA). Contaminated Land Risk Assessment. A Guide to Good Practice. CIRIA C552 2001.

DRAWINGS

SITE LOCATION PLAN

The Site

North

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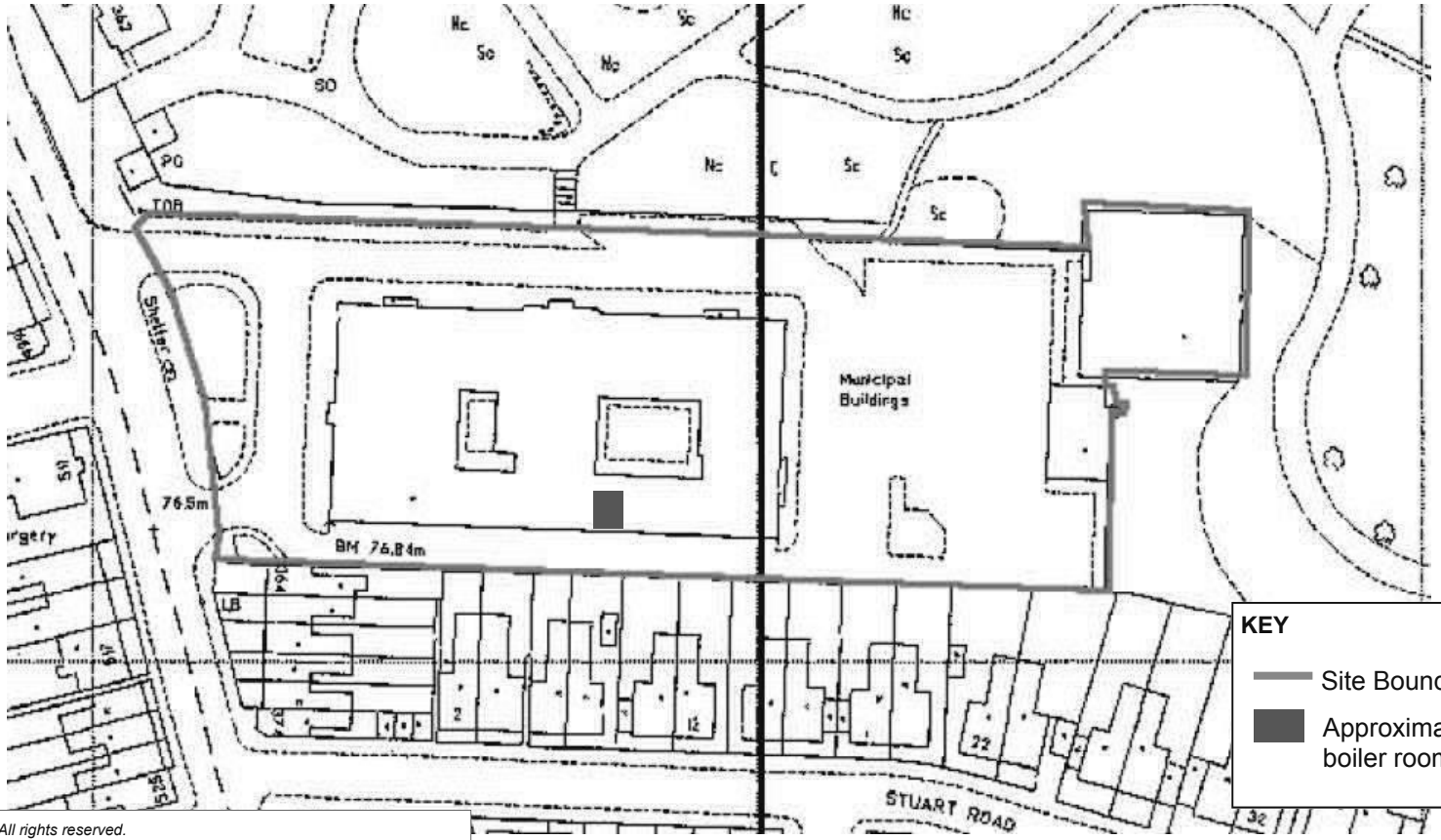
Millard Consulting

Job Number:	Job Title:		
10705	**Canterbury Street, Gillingham**		
Title: **Site Location Plan**			
Date: **February 2009**	Drawing No.: **10705-14-001**	Scale: **NTS**	Drawn by: **CT**

SITE LAYOUT PLAN



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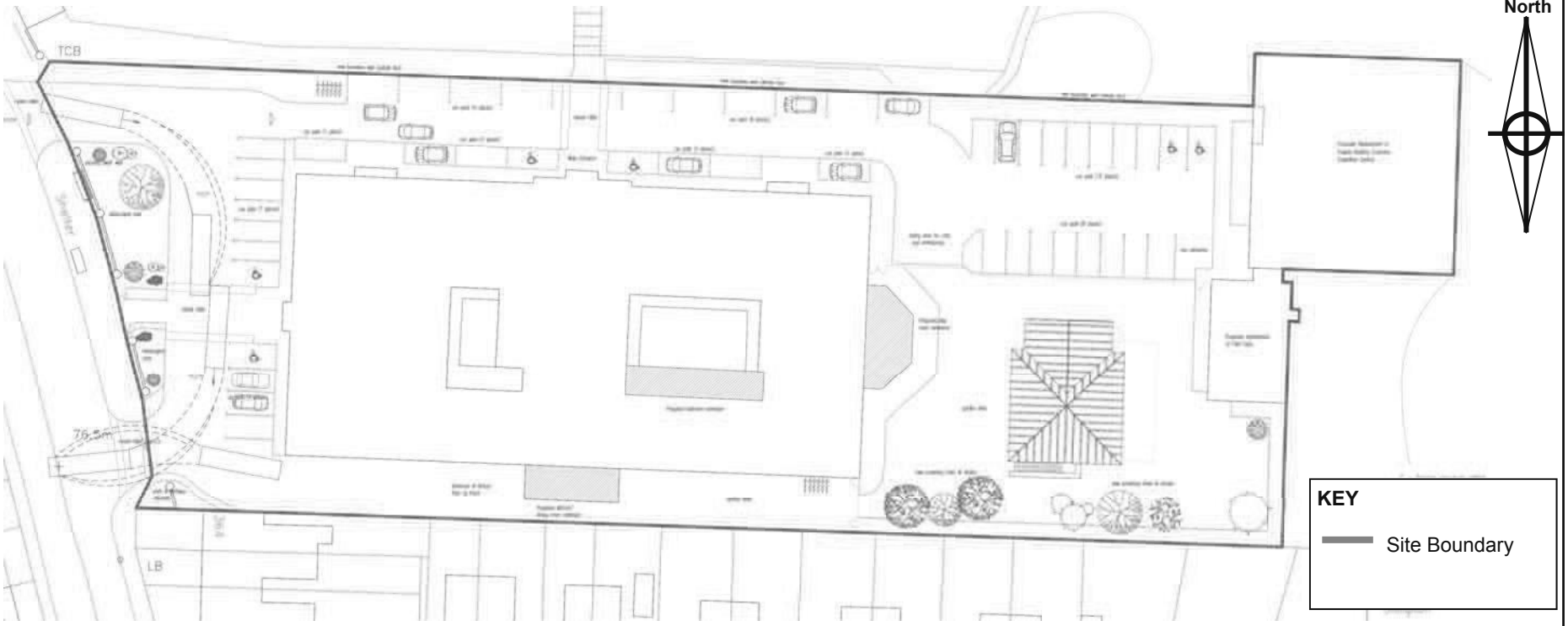
Job Number:	Job Title:
10705	**Canterbury Street , Gillingham** **Phase 1 Environmental Risk Assessment**

Title

Site Layout Plan

Date	Drawing No:	Scale	Drawn by
February 2009	**10705/14/02**	**NTS**	**CT**

PROPOSED SITE LAYOUT PLAN



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Millard Consulting

Job Number:	Job Title:
10705	**Canterbury Street , Gillingham** **Phase 1 Environmental Risk Assessment**

Title

Proposed Site Layout Plan

Date	Drawing No:	Scale	Drawn by
February 2009	**10705/14/03**	**NTS**	**CT**

APPENDICES

APPENDIX A
PHASE I ENVIRONMENTAL RISK ASSESSMENT METHODOLOGY

LAND USE

This chapter establishes the former and current land uses which may have caused contamination or given rise to environmental concerns on the site. An inspection of the site has been undertaken to provide further details of the site and neighbouring activities and to observe environmental conditions.

Historical Maps

Information about the history of the site has been obtained primarily through an inspection of historical Ordnance Survey maps. These maps provide an excellent record of the historical uses of a site and can be very important in assessing potential liabilities. Historical maps can show past potentially contaminative uses at a site that would not necessary be obvious during a site inspection, for example storage tanks or previous usage such as a gas works or quarry.

Public Record Information

Information concerning environmental regulations relating to the site has been obtained from a public register which has been accessed from a commercially database operated by the Landmark Information Group. This is the quickest means of gathering publicly available information. The data is supplied from within a 1km radius of a given National Grid Reference of a site. The database contains information from the Environment Agency (EA) and other statutory authorities responsible for monitoring environmental protection measures within the area of a site under existing legislation (see below).

Information has also been obtained directly from the environmental regulators in order to gauge the environmental characteristics of the site in more detail and to establish whether there have been any breaches of environmental regulations or pollution incidents associated with the site. This is used to support the publicly available information gathered from the commercial database. The time in which responses are returned can vary between statutory authorities.

Environmental Legislation

The principal environmental legislation in England consists of the Environmental Protection Act 1990 (EPA 90), the Water Resources Act 1991 and the Environment Act 1995 (EA 95). These Acts prescribe protection measures for all the environmental media (land, water and air) and are regulated by the EA and the Local Authority. Part 1 of the EPA 1990 sets out the statutory framework for Integrated Pollution Control (IPC) and Air Pollution Control (APC).

ENVIRONMENTAL SETTING

This chapter assesses the environmental sensitivity of the site location to contamination/pollution. It is important to establish the environmental setting because, irrespective of the level of contamination on the site, if its location is not 'sensitive' to this contamination/ pollution there is a reduced risk of an environmental liability arising.

The sensitivity is assessed using British Geological Survey (BGS) information and data from the EA on groundwater and surface water. Data on abstractions have been obtained from the Landmark Information Group. The vulnerability of surface waters and groundwater is based on sensitivity to pollution, distance from abstractions, type and nature of groundwater and type of overlying strata. The EA have classified aquifers into three types, major aquifers, minor aquifers and non-aquifers depending upon the hydrogeological sensitivity, permeability and whether they support large abstractions for drinking water supplies.

Major Aquifers (Highly permeable)

These are highly permeable formations usually with a known or probable presence of significant fracturing. They may be highly productive and able to support large abstractions for public supply and other purposes.

Minor Aquifers (Variably permeable)

These can be fractured or potentially fractured rocks which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although these aquifers will seldom produce large quantities of water for abstraction, they are important both for local supplies and in supplying base flow to rivers. Major Aquifers may occur beneath Minor Aquifers but on this map extract the underlying Major Aquifer is only shown where the overlying Minor Aquifer is a drift deposit.

Non-Aquifers (Negligibly permeable)

Formations which are generally regarded as containing insignificant quantities of groundwater form a third group. However, groundwater flow through such rocks, although imperceptible, does take place and needs to be considered in assessing the risk associated with persistent pollutants. Some Non-Aquifers can yield water in sufficient quantities for domestic use. Major or Minor Aquifers may occur beneath Non-Aquifers.

Soil Classification

Three sub-classes are recognised for high soil classes:

HI Soils which readily transmit liquid discharges because they are either shallow or susceptible to rapid by-pass flow directly to rock, gravel or groundwater;

H2 Deep, permeable, coarse textured soils which readily transmit a wide range of pollutants because of their rapid drainage and low attenuation potential; and

H3 Coarse textured or moderately shallow soils which readily transmit non-adsorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents.

Flood Risk

The Flood Map combines detailed local data with information from a new national model of England and Wales and indicates where flooding from rivers, streams and watercourses is possible. Under Section 105 of the Water Resources Act 1991 the Environment Agency has a duty to survey matters relating to flooding.

ENVIRONMENTAL RISK ASSESSMENT

This chapter assesses the potential for the site to give rise to environmental risks and whether or not the risks are acceptable or if further assessment or remedial action is required.

The qualitative risk assessment firstly considers the source of contamination and potential contaminants associated with the source(s) (or hazards). As well as the type of source, the extent, concentration and availability of a contaminant is also assessed.

The effect of a hazard on an identified receptor is largely governed by the sensitivity of a receptor. Receptors may typically include people, buildings, animals, plants and local resources (such as groundwater, surface waters, mines etc). A change in the receptor should be considered if the end-use of the site changes, for example, if a commercial site is to be redeveloped into a residential housing estate as a residential occupier is considered more sensitive than a commercial occupier.

The presence of contamination (as a potential hazard) does not necessary mean that there is a risk. It is the exposure pathway and the quantity of contamination that reaches the receptor which may

determine the effect on a receptor (such as the integrity of a barrier between a contamination source and receptor).

The risk classifications for both likelihood and consequence are based on methodology presented in Contaminated Land Risk Assessment, A Guide to Good Practice (CIRIA C552, 2001) and has been developed from procedures outlined in DETR Circular 02/2000. The DETR, with the EA and Institute of Environment & Health, has also published guidance on risk assessment (Guidelines for Environmental Risk Assessment and Management). The guidance states that the designation of risk is based upon a consideration of both:

- The magnitude of the potential consequence (severity) of risk occurring which takes into account both the potential severity of the hazard and the sensitivity of the receptor; and
- The likelihood of an event occurring (probability) which takes into account the both the presence of the hazard and receptor and the integrity of the pathway.

The magnitude of consequence (severity) and likelihood (probability) is defined in the CIRIA guidance, together with examples. The two classifications are then compared (as shown on Table 1) to obtain an estimation of risk for each pollution linkage, ranging from "very high risk" to "very low risk". A description of the risks and likely actions required is presented in Table 2. The benefit of estimating the risk in this way is that it can be revised after each investigation phase as the conceptual model and corresponding pollution linkages are refined.

Table 1 Comparison of consequence against probability

		Consequence			
		Severe	**Medium**	**Mild**	**Minor**
Likelihood	**High likelihood**	Very high risk	High risk	Moderate risk	Moderate/low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low Risk

Table 2 Description of the classified risks and likely action required

Level of Risk	Description of Classification
Very High Risk	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, or there is evidence that severe harm to a designated receptor is currently happening. If this risk is realised, it is likely to result in significant environmental and financial liability to current and/or future site owners/occupiers. Urgent investigation (if not already undertaken) and remediation is likely to be required.
High Risk	Harm is likely to arise to a designated receptor from an identified hazard. If risk is realised, it is likely to present a sizeable environmental and financial liability to current and/or future site owners/occupiers. Urgent investigation is required and remediation work may be necessary in the short term and likely over the longer term.
Moderate Risk	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely the harm would be relatively mild. Investigation is normally required to clarify the risk and determine the potential environmental liability. Some remedial works may be required over the longer term.
Low Risk	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild. Limited investigation may be recommended to clarify the risk, dependant on the sensitivity of the receptor and view point of those of interest. Any remedial works are likely to be fairly limited.
Very Low Risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is likely to be mild or minor.

The acceptability of risk will always depend upon the view point of those of interest, whether it is an occupier of a site, a regulator or stakeholder. As a result, it could be that action will be required to deal with a level of risk even if it is classified as very low.

APPENDIX B
PHOTOGRAPHIC RECORD

View of former Municipal Buildings along the north of the site

Internal view of former ‘bunker’

Internal view of former ‘bunker’

View of external car parking area and additional outbuildings in the east of the site

View of external access and car parking area to the west of the site, showing the main entrance to the former Municipal Buildings

View of external car parking area to the east

View of limited litter within car parking area to the east

View of entrance to ‘former’ bunker

Example of former store room within Municipal Buildings

APPENDIX C
ENVIROCHECK REPORT

Millard Consulting

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
27141249_1_1

Customer Reference:
10705

National Grid Reference:
577790, 167140

Slice:
A

Site Area (Ha):
0.77

Search Buffer (m):
1000

Site Details:

Doctors Surgery
218 Canterbury Street
GILLINGHAM
Kent
ME7 5XL

Client Details:

Mr M Dean
Millard Consulting
Millard House, Ryedale Court
London Road
Riverhead
Sevenoaks
Kent
TN13 2DN

Millard Consulting

Contents

Report Section	Page Number
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Agency & Hydrological	1
Waste	10
Hazardous Substances	-
Geological	11
Industrial Land Use	12
Sensitive Land Use	24
Data Currency	25
Data Suppliers	29
Useful Contacts	30

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v36.0

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		1		1
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 1		1		2
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature					
Pollution Incidents to Controlled Waters	pg 2				5
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances	pg 2				13
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 5				1
Water Abstractions	pg 5				2 (*13)
Water Industry Act Referrals	pg 8		1		
Groundwater Vulnerability	pg 8	Yes	n/a	n/a	n/a
Source Protection Zones	pg 9	2	1		
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 10				1
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 10				1
Registered Waste Treatment or Disposal Sites					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites					
BGS 1:625,000 Solid Geology	pg 11	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Natural and Mining Cavities	pg 11				2
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 11	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards			Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards			Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Shallow Mining Hazards	pg 11	Yes	Yes	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 12		9	26	94
Fuel Station Entries	pg 22		1		3

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 24				1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: Sewerage Network - Sewers - Water Company Location: Seaton Road, Gillingham Kent Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: A00411 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 5th June 1998 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A13NE (E)	229	1	578100 167200
2	**Discharge Consents** Operator: Southern Water Services Ltd (K) Property Type: Sewerage Network - Sewers - Water Company Location: Derby Road, Gillingham Kent Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: A00405 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 5th December 1996 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	538	1	578200 166700
3	**Local Authority Pollution Prevention and Controls** Name: Shell Service Station Location: 246-254 Nelson Road, GILLINGHAM, Kent, ME7 4NA Authority: Medway Council, Environmental Health Permit Reference: P/B/PVR/022 Dated: 7th November 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status: Permitted** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	95	2	577691 167260
4	**Local Authority Pollution Prevention and Controls** Name: Darland Service Station Location: 149-151 Watling Street, GILLINGHAM, Kent, ME7 2YY Authority: Medway Council, Environmental Health Permit Reference: P/B/PVR/020 Dated: 4th January 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status: Permitted** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	592	2	578325 166755
5	**Local Authority Pollution Prevention and Controls** Name: Masonlite Ltd Location: 36 Second Avenue, CHATHAM, Kent, ME4 5AX Authority: Medway Council, Environmental Health Permit Reference: P/B/028 Dated: 17th April 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	908	2	577100 166450
	Nearest Surface Water Feature None				

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
6	**Pollution Incidents to Controlled Waters** Property Type: Other Transport Location: Medway Hospital, GILLINGHAM Authority: Environment Agency, Southern Region Pollutant: Chemicals - Acid Note: 8 Litres Of Battery Acid Down Drain; Road (Road Traffic Accident) Incident Date: 18th February 1994 Incident Reference: 93T416 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	693	1	577100 167500
7	**Pollution Incidents to Controlled Waters** Property Type: Road (Road Traffic Accident) Location: Chatham Hill, Nr Whitehorse Hill, CHATHAM Authority: Environment Agency, Southern Region Pollutant: Organic Wastes: Other Note: Blood And Trigene Washed To Drains Following Suicide Incident Date: 8th September 1996 Incident Reference: 396427 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Road Traffic Accident Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	817	1	576900 167300
8	**Pollution Incidents to Controlled Waters** Property Type: Manufacturing Location: Cuxton Powder Coating, 88 Hopewell Avenue, CHATHAM Authority: Environment Agency, Southern Region Pollutant: Metals & Scrap : Aluminium Note: Not Supplied Incident Date: 28th August 1999 Incident Reference: 3936 Catchment Area: Medway Receiving Water: Potential River Cause of Incident: Containment Failure : Other Containment Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A8SE (S)	862	1	577900 166250
9	**Pollution Incidents to Controlled Waters** Property Type: Other Transport Location: Woodlands Road, GILLINGHAM Authority: Environment Agency, Southern Region Pollutant: Organic Wastes: Other Note: Report To Wash Down Blood By Ambulance Service; Road (Road Traffic Accident) Incident Date: 21st August 1995 Incident Reference: 395323 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (E)	891	1	578700 167500
10	**Pollution Incidents to Controlled Waters** Property Type: Other Transport Location: Luton Road Bus Depot, LUTON Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Fire; Road (Road Traffic Accident) Incident Date: 6th January 1995 Incident Reference: 94T450 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	995	1	576810 166710
11	**Registered Radioactive Substances** Name: Medway Nhs Trust Location: Medway Hospital, Windmill Road, GILLINGHAM, Kent, ME7 5NY Authority: Environment Agency, Southern Region Permit Reference: AZ8838 Dated: 17th February 1998 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	726	1	577026 167418

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
11	**Registered Radioactive Substances** Name: Medway Nhs Trust Location: Medway Hospital, Windmill Road, GILLINGHAM, Kent, ME7 5NY Authority: Environment Agency, Southern Region Permit Reference: AZ8820 Dated: 10th February 1998 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	726	1	577026 167418
11	**Registered Radioactive Substances** Name: Medway Nhs Trust Location: Medway Hospital, Windmill Road, GILLINGHAM, Kent, ME7 5NY Authority: Environment Agency, Southern Region Permit Reference: AT4643 Dated: 22nd November 1996 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Initial variation to an authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	726	1	577026 167418
11	**Registered Radioactive Substances** Name: Medway Nhs Trust Location: Medway Hospital, Windmill Road, GILLINGHAM, Kent, ME7 5NY Authority: Environment Agency, Southern Region Permit Reference: AA0833 Dated: 26th September 1991 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	726	1	577026 167418
11	**Registered Radioactive Substances** Name: Medway Nhs Trust Location: Medway Hospital, Windmill Road, GILLINGHAM, Kent, ME7 5NY Authority: Environment Agency, Southern Region Permit Reference: AD0627 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	726	1	577026 167418
11	**Registered Radioactive Substances** Name: Medway Nhs Trust Location: Windmill Road, Gillingham, Kent, ME7 5NY Authority: Environment Agency, Southern Region Permit Reference: CA8078 Dated: 23rd January 2007 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA **Status: Application has been authorised and any conditions apply to the operatorAuthorised** Positional Accuracy: Automatically positioned to the address	A12NW (W)	732	1	577021 167424
11	**Registered Radioactive Substances** Name: Medway Nhs Trust Location: Windmill Road, GILLINGHAM, Kent, ME7 5NY Authority: Environment Agency, Southern Region Permit Reference: Bz5990 Dated: 1st March 2006 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Automatically positioned to the address	A12NW (W)	732	1	577021 167424

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
11	**Registered Radioactive Substances** Name: Medway Nhs Trust Location: Windmill Road, GILLINGHAM, Kent, ME7 5NY Authority: Environment Agency, Southern Region Permit Reference: Bz5973 Dated: 8th December 2005 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation **Status: Application has been authorised and any conditions apply to the operatorAuthorised** Positional Accuracy: Automatically positioned to the address	A12NW (W)	732	1	577021 167424
11	**Registered Radioactive Substances** Name: Medway Nhs Trust Location: Windmill Road, Gillingham, Kent, ME7 5NY Authority: Environment Agency, Southern Region Permit Reference: Bv8164 Dated: 23rd October 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Automatically positioned to the address	A12NW (W)	733	1	577021 167424
12	**Registered Radioactive Substances** Name: Eurofins Environmental Services Ltd Location: Kent Laboratory, Capstone Road, Chatham, Kent, ME5 7QA Authority: Environment Agency, Southern Region Permit Reference: CB6453 Dated: 23rd October 2007 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Registration under S7 or S10 RSA where the sum of the registered holdings does not exceed 20 megabecquerels **Status: Application has been authorised and any conditions apply to the operatorAuthorised** Positional Accuracy: Manually positioned to the road within the address or location	A8SW (S)	931	1	577497 166211
13	**Registered Radioactive Substances** Name: Southern Water Services Ltd Location: Southern House, Capstone Road, Chatham, Kent, ME5 7QA Authority: Environment Agency, Southern Region Permit Reference: Bz2214 Dated: 25th May 2005 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Registration under S7 or S10 RSA where the sum of the registered holdings does not exceed 20 megabecquerels **Status: Authorisation either revoked or cancelledCancelled** Positional Accuracy: Automatically positioned to the address	A8SW (S)	946	1	577569 166182
13	**Registered Radioactive Substances** Name: Southern Water Services Ltd Location: Southern House, Capstone Road, Chatham, Kent, ME5 7QA Authority: Environment Agency, Southern Region Permit Reference: Bz2222 Dated: 25th May 2005 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation **Status: Authorisation either revoked or cancelledCancelled** Positional Accuracy: Automatically positioned to the address	A8SW (S)	946	1	577569 166182
13	**Registered Radioactive Substances** Name: Eurofins Environmental Services Ltd Location: Kent Laboratory, Capstone Road, Chatham, Kent, ME5 7QA Authority: Environment Agency, Southern Region Permit Reference: CB6461 Dated: 23rd October 2007 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation **Status: Application has been authorised and any conditions apply to the operatorAuthorised** Positional Accuracy: Located by supplier to within 10m	A8SW (S)	947	1	577570 166180

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
14	**Substantiated Pollution Incident Register** Authority: Environment Agency - Southern Region, Kent Area Incident Date: 12th February 2003 Incident Reference: 136603 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Organic Chemicals : Solvent Based	A11SE (W)	962	1	576754 167029
15	**Water Abstractions** Operator: Southern Water Services Plc Licence Number: 9/40/02/0236/G Permit Version: 100 Location: Boreholes At Luton Ps Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: N/A Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	796	1	577370 166400
16	**Water Abstractions** Operator: Southern Water Services Plc Licence Number: 2/0236/A/G Permit Version: Not Supplied Location: Luton Pumping Station, LUTON Authority: Environment Agency, Southern Region Abstraction: Industrial Cooling (Miscellaneous) Abstraction Type: Not Supplied Source: Pond or Lake Daily Rate (m3): 15000 Yearly Rate (m3): 0 Details: Additional Purpose: Public Water Supply Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SW (S)	888	1	577650 166230
	Water Abstractions Operator: Southern Water Services Plc Licence Number: 9/40/02/0236/G Permit Version: 100 Location: Boreholes At Capstone Ps (Lower Greensand) Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): 3000 Yearly Rate (m3): 0 Details: N/A Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1581	1	577880 165530
	Water Abstractions Operator: Southern Water Services Plc Licence Number: 9/40/02/0236/G Permit Version: 100 Location: Boreholes At Capstone Ps (Chalk) Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: N/A Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1581	1	577880 165530

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Southern Water Services Plc Licence Number: 2/0236/ /G Permit Version: Not Supplied Location: Pumping Station, CAPSTONE Authority: Environment Agency, Southern Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 5000 Yearly Rate (m3): 0 Details: H2 Lower Greensand Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SE (S)	1585	1	577970 165530
	Water Abstractions Operator: Southern Water Services Plc Licence Number: 2/0236/ /G Permit Version: Not Supplied Location: Pumping Station, CAPSTONE Authority: Environment Agency, Southern Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 3000 Yearly Rate (m3): 0 Details: H5 Chalk Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SE (S)	1586	1	577975 165530
	Water Abstractions Operator: Southern Water Services Plc Licence Number: 2/0236/E/G Permit Version: Not Supplied Location: Capstone Pumping Station, CAPSTONE Authority: Environment Agency, Southern Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Pond or Lake Daily Rate (m3): 3000 Yearly Rate (m3): 0 Details: Additional Purpose: Public Water Supply Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SE (S)	1590	1	577970 165525
	Water Abstractions Operator: Southern Water Services Plc Licence Number: 01/122 Permit Version: Not Supplied Location: Capstone Ps, CHATHAM Authority: Environment Agency, Southern Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 10000 Yearly Rate (m3): 3660000 Details: H5 Chalk; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SE (S)	1641	1	577880 165470

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Southern Water Services Plc Licence Number: 2/0236/C/G Permit Version: Not Supplied Location: Capstone Pumping Station, CAPSTONE Authority: Environment Agency, Southern Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Pond or Lake Daily Rate (m3): 10000 Yearly Rate (m3): 0 Details: Additional Purpose: Public Water Supply Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SE (S)	1646	1	577885 165465
	Water Abstractions Operator: Mr Gavin Cargill Of Medway Council Licence Number: 2/0004/ /GR Permit Version: Not Supplied Location: Richmond Road , GILLINGHAM Authority: Environment Agency, Southern Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Unknown Daily Rate (m3): 409 Yearly Rate (m3): 59091 Details: H5 Chalk Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1970	1	577550 169130
	Water Abstractions Operator: The Sunlight Service Group Ltd Licence Number: 9/40/02/0094/Gr Permit Version: 103 Location: Point A, Borehole At Maidstone Road, Chatham Authority: Environment Agency, Southern Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land Occupied By Licensee At Maidstone Road, Chatham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th February 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1985	1	575721 167135
	Water Abstractions Operator: The Sunlight Service Group Ltd Licence Number: 9/40/02/0094/Gr Permit Version: 102 Location: Point A, Borehole At Maidstone Road, Chatham Authority: Environment Agency, Southern Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land Occupied By Licensee At Maidstone Road, Chatham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1985	1	575721 167135

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Co-Operative Cleaners Ltd Licence Number: 9/40/02/0094/Gr Permit Version: 101 Location: Point A, Borehole At Maidstone Road, Chatham Authority: Environment Agency, Southern Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land Occupied By Licensee At Maidstone Road, Chatham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th June 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1985	1	575721 167135
	Water Abstractions Operator: Kent Co-Operative Society Ltd Licence Number: 9/40/02/0094/Gr Permit Version: 100 Location: Point A, Borehole At Maidstone Road, Chatham Authority: Environment Agency, Southern Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land Occupied By Licensee At Maidstone Road, Chatham Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 13th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1985	1	575721 167135
	Water Abstractions Operator: The Sunlight Service Group Ltd Licence Number: 9/40/02/0094/Gr Permit Version: 103 Location: Point B - Maidstone Road, Chatham Authority: Environment Agency, Southern Region Abstraction: Industrial; Commercial And Public Services: Laundry Use Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land Occupied By Licensee At Maidstone Road, Chatham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th February 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1987	1	575720 167120
17	**Water Industry Act Referrals** Name: Lr Plating Location: Jezreels Tower Works, Rainham Road, GILLINGHAM, Kent, ME7 5NH Authority: Environment Agency, Southern Region Permit Reference: AF0130 Dated: 30th March 1992 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations **Status: Application has been authorised and any conditions apply to the operatorAuthorised** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	149	1	577657 166980
	Groundwater Vulnerability Geological Classification: Major Aquifer (Highly permeable) - These are highly permeable formations usually with a known or probable presence of significant fracturing. They may be highly productive and able to support large abstractions for public water supply and other purposes Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	A8SW (S)	0	1	577747 166396
	Drift Deposits None				

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
18	**Source Protection Zones** Name: Various Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A18SE (N)	0	1	577847 167568
19	**Source Protection Zones** Name: Various Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A23SE (N)	0	1	578001 168202
20	**Source Protection Zones** Name: Various Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A13SW (S)	109	1	577768 167001
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
21	**Licensed Waste Management Facilities (Locations)** Licence Number: 19416 Location: Windmill Road, Gillingham, Kent, ME7 5NY Operator Name: Medway N H S Trust Operator Location: Residence 8, Medway Hospital, Windmill Road, Gillingham, Kent, ME7 5NY Authority: Environment Agency - Southern Region, Kent Area Site Category: Special Waste Transfer Stations **Licence Status: Surrendered** Issued: 15th July 1997 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 7th December 2004 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	929	1	576940 167690
	Local Authority Landfill Coverage Name: Medway Unitary Council - Has no landfill data to supply		0	6	578651 163081
22	**Registered Waste Transfer Sites** Licence Holder: Medway Nhs Trust Licence Reference: P/04/15 Site Location: Medway Hospital, Windmill Road, GILLINGHAM, Kent, ME7 5NY Operator Location: As Site Address Authority: Environment Agency - Southern Region, Kent Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 15th July 1997 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Clin.Waste Grps Aa,B,C,B,C,D,E Max.Waste Permitted By Licence Prescription Only Medical Products Waste From Human Health Care Only As Prohibited Waste: Waste N.O.S.	A17SW (NW)	929	1	576940 167690

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Chalk including Red Chalk	A18NW (N)	0	3	577671 167821
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Natural and Mining Cavities Cavity Type: Chalkwell Origin: Man-made Cavity Number: 1 Commodity: Chalk Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	823	4	578500 167700
	Natural and Mining Cavities Cavity Type: Vadose cave:- a cave that occurs above the water table Origin: Natural Cavity Number: 1 Commodity: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SW (S)	824	4	577600 166300
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(NW)	0	3	575975 167900
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	3	577700 167025
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	92	3	577700 167025
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	3	577700 167025
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	92	3	577700 167025
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	3	578100 166875
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	3	577700 167025
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	92	3	577700 167025
	Radon Potential - Radon Affected Areas Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	3	577775 167075
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	3	577775 167075
	Shallow Mining Hazards Risk: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	3	577690 167120
	Shallow Mining Hazards Risk: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	26	3	577690 167120
	Shallow Mining Hazards Risk: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	194	3	577751 166914

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
23	**Contemporary Trade Directory Entries** Name: M E W Location: 527, Canterbury Street, Gillingham, Kent, ME7 5LF Classification: Nuts, Bolts & Fixings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	55	-	577707 167062
23	**Contemporary Trade Directory Entries** Name: W & E Welding Supplies Location: 527, Canterbury Street, Gillingham, Kent, ME7 5LF Classification: Welding Equipment - Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	55	-	577707 167062
24	**Contemporary Trade Directory Entries** Name: Shell (Uk) Ltd Location: 246-254, Nelson Road, Gillingham, Kent, ME7 4NA Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	95	-	577691 167260
25	**Contemporary Trade Directory Entries** Name: Castle View Windows Ltd Location: 1a, Eva Road, Gillingham, Kent, ME7 5NE Classification: Window Frame Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A13SW (SW)	99	-	577630 167069
26	**Contemporary Trade Directory Entries** Name: L Robinson & Co (Plating) Ltd Location: Jezreels Tower Works, 111, Rainham Road, Gillingham, Kent, ME7 5NH Classification: Metal Finishing Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	149	-	577657 166980
27	**Contemporary Trade Directory Entries** Name: Boiler Care & Repair Location: 71, Cleave Road, Gillingham, Kent, ME7 4AX Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (E)	193	-	578065 167130
28	**Contemporary Trade Directory Entries** Name: Hunters Mobile Tuning Location: 22, Watling Street, Gillingham, Kent, ME7 2YH Classification: Car Engine Tuning & Diagnostic Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	219	-	577917 166902
29	**Contemporary Trade Directory Entries** Name: Spectrum Blinds Ltd Location: 176, Rainham Road, Chatham, Kent, ME5 7EN Classification: Blinds, Awnings & Canopies **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (S)	235	-	577807 166878
29	**Contemporary Trade Directory Entries** Name: Phase Electrical Location: 166, Rainham Road, Chatham, Kent, ME5 7EN Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (S)	242	-	577823 166870
30	**Contemporary Trade Directory Entries** Name: Amazon Pest Control Location: 40, Rainham Road, Chatham, Kent, ME5 7EJ Classification: Pest & Vermin Control **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	255	-	577510 166969
31	**Contemporary Trade Directory Entries** Name: Jubilee Components Ltd Location: 302, Canterbury Street, Gillingham, Kent, ME7 5JR Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	274	-	577551 167390
32	**Contemporary Trade Directory Entries** Name: Direct Fire Protection Location: 52, Watling Street, Gillingham, Kent, ME7 2YN Classification: Firefighting Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	280	-	578018 166885

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
33	**Contemporary Trade Directory Entries** Name: Andrews Auto Panels Ltd Location: Kimberley Rd, Gillingham, Kent, ME7 4NE Classification: Car Body Repairs **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	332	-	577514 167436
33	**Contemporary Trade Directory Entries** Name: Andrews Auto Panels Ltd Location: Kimberley Road, Gillingham, Kent, ME7 4NE Classification: Car Paint & Lacquer Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A13NW (NW)	342	-	577538 167463
33	**Contemporary Trade Directory Entries** Name: Trinity Autobodies Location: Kimberley Road, Gillingham, Kent, ME7 4NE Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A13NW (NW)	342	-	577538 167463
34	**Contemporary Trade Directory Entries** Name: Clean Air Systems Location: 161, Rock Avenue, Gillingham, Kent, ME7 5PY Classification: Catering Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	368	-	577339 167195
34	**Contemporary Trade Directory Entries** Name: Gpc Associates Ltd Location: 147, Rock Avenue, Gillingham, Kent, ME7 5PY Classification: Chemicals & Allied Products **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	373	-	577339 167228
35	**Contemporary Trade Directory Entries** Name: Chatham Motor Co Location: 310-312, Chatham Hill, Chatham, Kent, ME5 7BA Classification: Car Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	372	-	577363 167003
36	**Contemporary Trade Directory Entries** Name: Dairy Crest Ltd Location: 111, Nelson Road, Gillingham, Kent, ME7 4LT Classification: Dairies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	377	-	577557 167512
37	**Contemporary Trade Directory Entries** Name: 1st Chill Factor Location: 1, Stopford Road, Gillingham, Kent, ME7 4NG Classification: Air Conditioning Equipment & Systems **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	390	-	577492 167491
37	**Contemporary Trade Directory Entries** Name: 1st Chill Factor Location: 1, Stopford Road, Gillingham, Kent, ME7 4NG Classification: Refrigeration Equipment - Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	390	-	577492 167491
38	**Contemporary Trade Directory Entries** Name: P K Process Equipment Services Location: 93, Watling Street, Gillingham, Kent, ME7 2YX Classification: Valve Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	391	-	578113 166818
38	**Contemporary Trade Directory Entries** Name: South Eastern Controls Location: 93, Watling Street, Gillingham, Kent, ME7 2YX Classification: Valve Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	391	-	578113 166818
38	**Contemporary Trade Directory Entries** Name: Val-Matic Location: 93, Watling Street, Gillingham, Kent, ME7 2YX Classification: Valve Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	391	-	578113 166818

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
39	**Contemporary Trade Directory Entries** Name: Fitrite Discount Carpets Location: Flat, 88, Watling Street, Gillingham, Kent, ME7 2YS Classification: Carpet & Fabric Proofing **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SW (SE)	398	-	578153 166849
40	**Contemporary Trade Directory Entries** Name: Autotrend Location: 101-109, Beacon Road, Chatham, Kent, ME5 7BP Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (SW)	423	-	577351 166906
40	**Contemporary Trade Directory Entries** Name: Watts Construction Ltd Location: 101-109, Beacon Road, Chatham, Kent, ME5 7BP Classification: Sheet Metal Work **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (SW)	423	-	577351 166906
40	**Contemporary Trade Directory Entries** Name: Autotrend Location: 101-109, Beacon Road, Chatham, Kent, ME5 7BP Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (SW)	423	-	577351 166906
40	**Contemporary Trade Directory Entries** Name: Thomas Fabrications Location: Unit 2,Beacon Works, Beacon Road, Chatham, Kent, ME5 7BP Classification: Gate Manufacturers **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A12SE (SW)	452	-	577345 166860
41	**Contemporary Trade Directory Entries** Name: G Axell Ltd Location: 157, Barnsole Road, Gillingham, Kent, ME7 4JH Classification: Gas Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	433	-	578097 167538
42	**Contemporary Trade Directory Entries** Name: Steve Cooke Carpet & Upholstery Cleaning Location: 39, Stopford Road, Gillingham, Kent, ME7 4NG Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	440	-	577541 167573
43	**Contemporary Trade Directory Entries** Name: Harlen Printing Location: 4, Montgomery Road, Gillingham, Kent, ME7 5XP Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	479	-	577397 167531
44	**Contemporary Trade Directory Entries** Name: Power-Mow Location: 131a, Barnsole Road, Gillingham, Kent, ME7 4EE Classification: Lawnmowers & Garden Machinery - Sales & Service **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	488	-	578031 167629
45	**Contemporary Trade Directory Entries** Name: Ass'Tra' Direct Express Location: 112, St. Johns Road, Gillingham, Kent, ME7 5PG Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	492	-	577215 167140
46	**Contemporary Trade Directory Entries** Name: Heat-Tec Engineering Services Group Location: Unit 1/2, Beacon Works, Beacon Road, Chatham, Kent, ME5 7BP Classification: Heat Exchangers **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A12SE (SW)	497	-	577260 166925
47	**Contemporary Trade Directory Entries** Name: Friday Location: 14, First Avenue, Gillingham, Kent, ME7 2LG Classification: Paraffin Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (SE)	501	-	578292 166869

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
48	**Contemporary Trade Directory Entries** Name: 1st Wash Vac Services Location: 63, Rock Avenue, Gillingham, Kent, ME7 5PU Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	529	-	577298 167501
48	**Contemporary Trade Directory Entries** Name: 1st Wash-Vac Services Location: 63, Rock Avenue, Gillingham, Kent, ME7 5PU Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	529	-	577298 167501
49	**Contemporary Trade Directory Entries** Name: Discount Fireworks Location: 137, Watling Street, Gillingham, Kent, ME7 2YY Classification: Firework Stockists **Status: Active** Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	529	-	578270 166787
50	**Contemporary Trade Directory Entries** Name: Cemik Ltd Location: 135, Napier Road, Gillingham, Kent, ME7 4HH Classification: Concrete Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	545	-	577797 167710
51	**Contemporary Trade Directory Entries** Name: A C Polishers Location: 220-224, Chatham Hill, Chatham, Kent, ME5 7BA Classification: French Polishing **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	546	-	577168 167071
52	**Contemporary Trade Directory Entries** Name: D & P Services Location: 85, Nelson Road, Gillingham, Kent, ME7 4LR Classification: Air Conditioning Equipment & Systems **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	553	-	577586 167706
53	**Contemporary Trade Directory Entries** Name: J C P Cleaning Location: 140, St. Johns Road, Gillingham, Kent, ME7 5QE Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	557	-	577150 167184
54	**Contemporary Trade Directory Entries** Name: Reader & Phillips Location: 121a, Barnsole Road, Gillingham, Kent, ME7 4EB Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (N)	562	-	578020 167710
55	**Contemporary Trade Directory Entries** Name: Blue Chip Electric & Alarms Ltd Location: 102, Nelson Road, Gillingham, Kent, ME7 4LL Classification: Electrical Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	587	-	577615 167747
56	**Contemporary Trade Directory Entries** Name: Darland Service Station Location: Darland Service Station, 149-151, Watling Street, Gillingham, Kent, ME7 2YY Classification: Petrol Filling Stations - 24 Hour **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	592	-	578325 166755
57	**Contemporary Trade Directory Entries** Name: J K'S Guttering Services Location: 40, Second Avenue, Gillingham, Kent, ME7 2HT Classification: Fascias and Soffits **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NE (E)	604	-	578473 167236
58	**Contemporary Trade Directory Entries** Name: I & M Road Haulage Ltd Location: A, 134, Upper Luton Road, Chatham, Kent, ME5 7BQ Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	628	-	577124 166914

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
59	**Contemporary Trade Directory Entries** Name: Haywards Car Direct Location: 356, Luton Road, Chatham, Kent, ME4 5BD Classification: Car Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	639	-	577300 166632
59	**Contemporary Trade Directory Entries** Name: Haywards Of Medway Location: 356, Luton Road, Chatham, Kent, ME4 5BD Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	639	-	577300 166632
59	**Contemporary Trade Directory Entries** Name: Medway Automatic Transmissions Ltd Location: 352, Luton Road, Chatham, Kent, ME4 5BD Classification: Gearboxes **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	663	-	577266 166631
59	**Contemporary Trade Directory Entries** Name: Millbrook Motor Co Location: 352, Luton Road, Chatham, Kent, ME4 5BD Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	663	-	577266 166631
59	**Contemporary Trade Directory Entries** Name: Haywards Cars Direct Location: 352-356, Luton Road, Chatham, Kent, ME4 5BD Classification: Car Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	663	-	577266 166631
59	**Contemporary Trade Directory Entries** Name: Prestige Coach Works Location: 352, Luton Road, Chatham, Kent, ME4 5BD Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	663	-	577266 166631
60	**Contemporary Trade Directory Entries** Name: Mild 2 Wild Location: 148, Windmill Road, Gillingham, Kent, ME7 5PE Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	640	-	577102 167375
61	**Contemporary Trade Directory Entries** Name: Streetwise Auto'S Location: Windmill Rd, Gillingham, Kent, ME7 5PE Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A12NW (NW)	652	-	577112 167432
62	**Contemporary Trade Directory Entries** Name: Swift Appliance Services Location: 190, Canterbury Street, Gillingham, Kent, ME7 5XG Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	658	-	577341 167713
62	**Contemporary Trade Directory Entries** Name: Swift Appliance Services Location: 190, Canterbury Street, GILLINGHAM, Kent, ME7 5XG Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	658	-	577341 167713
62	**Contemporary Trade Directory Entries** Name: Bsum1 Communications Location: 184, Canterbury Street, Gillingham, Kent, ME7 5XG Classification: Mobile Phone Accessories and Car Kits **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	675	-	577333 167728
62	**Contemporary Trade Directory Entries** Name: Gillingham Electrical Suppliers Location: 180, Canterbury Street, Gillingham, Kent, ME7 5XG Classification: Electrical Goods Sales, Manufacturers & Wholesalers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	684	-	577330 167737

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
63	**Contemporary Trade Directory Entries** Name: Stanford Joinery Location: A, 33, Luton High Street, Chatham, Kent, ME5 7LE Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	666	-	577443 166509
63	**Contemporary Trade Directory Entries** Name: Luton Service Station Location: Luton High St, Chatham, Kent, ME5 7LJ Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	701	-	577422 166480
63	**Contemporary Trade Directory Entries** Name: Buddy'S Location: The Barn, Rear of Hen & Chicks, Luton High Street, Chatham, Kent, ME5 7LP Classification: Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	730	-	577447 166437
64	**Contemporary Trade Directory Entries** Name: Anchor Press Location: 115, Imperial Road, Gillingham, Kent, ME7 5PH Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	696	-	577013 167223
65	**Contemporary Trade Directory Entries** Name: Medway Maritime Hospital Location: Windmill Road, Gillingham, Kent, ME7 5NY Classification: Hospitals **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	732	-	577021 167424
66	**Contemporary Trade Directory Entries** Name: John Howard & Sons Location: 2, Connaught Road, Chatham, Kent, ME4 5DJ Classification: Hygiene & Cleansing Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	736	-	577061 166786
67	**Contemporary Trade Directory Entries** Name: Tyre & Auto Services Location: 270, Luton Road, Chatham, Kent, ME4 5BS Classification: Car Engine Tuning & Diagnostic Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	736	-	577034 166844
67	**Contemporary Trade Directory Entries** Name: Gb Servicing Location: 1a, Albany Road, Chatham, Kent, ME4 5DL Classification: Machinery - Industrial & Commercial **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SW (SW)	741	-	577040 166818
68	**Contemporary Trade Directory Entries** Name: Rubbish Clearance Location: 16, Sturdee Avenue, Gillingham, Kent, ME7 2JL Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	748	-	578182 167848
69	**Contemporary Trade Directory Entries** Name: Village Cars Location: 55, Luton High Street, Chatham, Kent, ME5 7LP Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	752	-	577395 166436
69	**Contemporary Trade Directory Entries** Name: M & L Resprays Location: A, 49, Luton High Street, Chatham, Kent, ME5 7LP Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	770	-	577422 166405
69	**Contemporary Trade Directory Entries** Name: Regency Motor Co Location: 65 Luton High St, Chatham, Kent, ME5 7LP Classification: Car Dealers - Used **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	776	-	577362 166426

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
69	**Contemporary Trade Directory Entries** Name: Medway Motor Co Location: 59, Luton High Street, Chatham, Kent, ME5 7LP Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	777	-	577397 166408
69	**Contemporary Trade Directory Entries** Name: Medway Motor Co Location: 57-59 Luton High St, Chatham, Kent, ME5 7LP Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	778	-	577396 166408
69	**Contemporary Trade Directory Entries** Name: Medway Motor Co Location: 57 Luton High St, Chatham, Kent, ME5 7LP Classification: Car Dealers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	778	-	577396 166408
70	**Contemporary Trade Directory Entries** Name: Full Steam Ahead Location: 60, Sturdee Avenue, Gillingham, Kent, ME7 2HN Classification: Ironing & Home Laundry Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	760	-	578461 167649
71	**Contemporary Trade Directory Entries** Name: R G Vant Location: 21, Connaught Road, Chatham, Kent, ME4 5DJ Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	768	-	577051 166737
71	**Contemporary Trade Directory Entries** Name: Albany Road Car Sales Location: 21, Albany Road, CHATHAM, Kent, ME4 5DL Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	779	-	577021 166769
71	**Contemporary Trade Directory Entries** Name: Albany Road Car Sales Location: 21, Albany Road, Chatham, Kent, ME4 5DL Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	779	-	577021 166769
72	**Contemporary Trade Directory Entries** Name: Luton Accident Repair Centre Location: 68, Luton High Street, Chatham, Kent, ME5 7LJ Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	774	-	577325 166449
72	**Contemporary Trade Directory Entries** Name: Judd Motors Location: 70, Luton High Street, Chatham, Kent, ME5 7LJ Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	774	-	577325 166449
72	**Contemporary Trade Directory Entries** Name: J S Autos Location: 72-76 Luton High St, Chatham, Kent, ME5 7LJ Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	775	-	577325 166448
72	**Contemporary Trade Directory Entries** Name: Dawsons & Sons Location: 2, Street End Road, Chatham, Kent, ME5 0BS Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	805	-	577329 166411
72	**Contemporary Trade Directory Entries** Name: Auto Bodyshop Location: Pheasant Farm, Unit 3A, Street End Road, Chatham, Kent, ME5 0BS Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A7SE (SW)	805	-	577329 166411

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
72	**Contemporary Trade Directory Entries** Name: Auto Body Repairs Location: Unit 1,Street End Rd, Chatham, Kent, ME5 0BS Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	806	-	577328 166410
73	**Contemporary Trade Directory Entries** Name: D Pickles Location: 39, Edinburgh Road, Chatham, Kent, ME4 5BY Classification: Electrical Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	774	-	577082 166676
74	**Contemporary Trade Directory Entries** Name: Medspray Test Centre Location: 6, Second Avenue, Chatham, Kent, ME4 5AU Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	795	-	577150 166559
74	**Contemporary Trade Directory Entries** Name: Medspray Test Centre Location: 6, Second Avenue, Chatham, Kent, ME4 5AU Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	795	-	577150 166559
74	**Contemporary Trade Directory Entries** Name: J & A Precision Engineering Location: 10, Second Avenue, Chatham, Kent, ME4 5AU Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	824	-	577147 166522
74	**Contemporary Trade Directory Entries** Name: J & A Precision Engineering Location: 10, Second Avenue, Chatham, Kent, ME4 5AU Classification: Precision Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	824	-	577147 166522
75	**Contemporary Trade Directory Entries** Name: Omnico Plastics Location: 216-222, Luton Road, Chatham, Kent, ME4 5BS Classification: Cladding Suppliers & Installers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	811	-	576933 166916
76	**Contemporary Trade Directory Entries** Name: Kent Cash Register Co Location: 77, Gillingham Road, Gillingham, Kent, ME7 4RZ Classification: Cash Registers & Check-Out Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (NW)	811	-	577454 167937
77	**Contemporary Trade Directory Entries** Name: Salvage (Uk) Ltd Location: Unit 2,Street End Rd, Chatham, Kent, ME5 0BS Classification: Car Dealers - Used **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	822	-	577332 166390
77	**Contemporary Trade Directory Entries** Name: Chatham Salvage Location: Unit 1,Street End Rd, Chatham, Kent, ME5 0BS Classification: Salvage Dealers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	844	-	577305 166380
78	**Contemporary Trade Directory Entries** Name: Arriva Southern Counties Ltd Location: Nelson Road, Gillingham, Kent, ME7 4LN Classification: Bus & Coach Operators & Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	823	-	577663 167989
79	**Contemporary Trade Directory Entries** Name: Pro-Box Location: 41, Barnsole Road, Gillingham, Kent, ME7 4DT Classification: Sports Equipment Manufacturers & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	823	-	577960 167986

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
79	**Contemporary Trade Directory Entries** Name: Harvey'S Home Care Location: 20, Coulman Street, Gillingham, Kent, ME7 4HT Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	851	-	577946 168015
80	**Contemporary Trade Directory Entries** Name: Autokraft Location: Unit 3, Dajen Business Park, Second Avenue, Chatham, Kent, ME4 5AU Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	833	-	577198 166465
80	**Contemporary Trade Directory Entries** Name: Panel Craft Elite Ltd Location: Unit 3, Dajen Business Park, Second Avenue, Chatham, Kent, ME4 5AU Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	833	-	577198 166465
81	**Contemporary Trade Directory Entries** Name: The European Brick Co Ltd Location: 156, Canterbury Street, Gillingham, Kent, ME7 5UB Classification: Brick Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	839	-	577243 167865
81	**Contemporary Trade Directory Entries** Name: P & J Autos Location: Canterbury St, Gillingham, Kent, ME7 5UB Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A17NE (NW)	852	-	577228 167870
81	**Contemporary Trade Directory Entries** Name: Discount Plumbing & Heating Location: 146-150 Canterbury St, Gillingham, Kent, ME7 5UB Classification: Central Heating Supplies & Equipment **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	861	-	577232 167884
82	**Contemporary Trade Directory Entries** Name: Reliable Rubbish Removals Location: 58, York Avenue, Gillingham, Kent, ME7 5JG Classification: Waste Disposal Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	842	-	577087 167735
83	**Contemporary Trade Directory Entries** Name: Associates Co-Operatives Creameries Location: 40, Napier Road, Gillingham, Kent, ME7 4HD Classification: Dairies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	847	-	577841 168015
84	**Contemporary Trade Directory Entries** Name: Langley Waterproofing Systems Location: 54, Albany Road, Chatham, Kent, ME4 5DN Classification: Asphalt & Macadam Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	853	-	576950 166745
85	**Contemporary Trade Directory Entries** Name: Eurospray Location: 2, Third Avenue, Chatham, Kent, ME5 0AD Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	881	-	577229 166383
85	**Contemporary Trade Directory Entries** Name: J & A Precision Engineering Location: Street End Rd, Chatham, Kent, ME5 0BS Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	924	-	577220 166337
86	**Contemporary Trade Directory Entries** Name: Invictor Domestics Location: 176, Luton Road, Chatham, Kent, ME4 5BP Classification: Refrigerators & Freezers - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	890	-	576833 166993

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
86	**Contemporary Trade Directory Entries** Name: Jetway Service Station Location: 6, Leonard Road, Chatham, Kent, ME4 5HJ Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned in the proximity of the address	A12SW (W)	920	-	576805 166982
87	**Contemporary Trade Directory Entries** Name: Intelligent Light & Electrical Systems Location: 35, Rotary Gardens, Gillingham, Kent, ME7 2AB Classification: Lighting Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	895	-	578603 166624
88	**Contemporary Trade Directory Entries** Name: Bodycraft Services Location: 33-37, Second Avenue, Chatham, Kent, ME4 5AU Classification: Garage Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	907	-	577128 166427
88	**Contemporary Trade Directory Entries** Name: Morris Forshaw Ltd Location: 33-37, Second Avenue, Chatham, Kent, ME4 5AY Classification: Car Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SW (SW)	941	-	577112 166395
88	**Contemporary Trade Directory Entries** Name: Spanesi Automotive Equipment Ltd Location: 33-37, Second Avenue, Chatham, Kent, ME4 5AY Classification: Garage Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SW (SW)	941	-	577112 166395
88	**Contemporary Trade Directory Entries** Name: Whites Autos Location: 33-37, Second Avenue, Chatham, Kent, ME4 5AY Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A7SW (SW)	941	-	577112 166395
88	**Contemporary Trade Directory Entries** Name: Freelance Mazda Location: 33-37, Second Avenue, Chatham, Kent, ME4 5AY Classification: Garage Services **Status: Active** Positional Accuracy: Manually positioned to the address or location	A7SW (SW)	941	-	577112 166395
88	**Contemporary Trade Directory Entries** Name: Mertech Location: 33-37, Second Avenue, Chatham, Kent, ME4 5AY Classification: Garage Services **Status: Active** Positional Accuracy: Manually positioned to the address or location	A7SW (SW)	941	-	577112 166395
89	**Contemporary Trade Directory Entries** Name: Alpha Coatings Location: Second Avenue, Chatham, Kent, ME4 5AU Classification: Paint Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SW (SW)	910	-	577102 166446
90	**Contemporary Trade Directory Entries** Name: Grahams Auto Repairs Location: Gillingham Rd, Gillingham, Kent, ME7 4QX Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	916	-	577648 168081
91	**Contemporary Trade Directory Entries** Name: Sword Building Services Ltd Location: 12-14, Alexandra Road, Chatham, Kent, ME4 5DG Classification: Concrete Reinforcements **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	921	-	576923 166651
92	**Contemporary Trade Directory Entries** Name: Susies Ironing Services Ltd Location: Livingstone Rd, Gillingham, Kent, ME7 2EJ Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A19NW (NE)	935	-	578207 168040

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
93	**Contemporary Trade Directory Entries** Name: Blitz Cleaning Location: 68, Chatham Hill, Chatham, Kent, ME5 7AN Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	935	-	576783 167316
94	**Contemporary Trade Directory Entries** Name: Kollmorgen Lift Control Location: Barnsole Rd, Gillingham, Kent, ME7 4JH Classification: Lift Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	945	-	577955 168108
94	**Contemporary Trade Directory Entries** Name: Printstrar Ltd Location: 17, Livingstone Circus, Gillingham, Kent, ME7 4HA Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	952	-	577933 168117
95	**Contemporary Trade Directory Entries** Name: Westminster Pharmaceutical Ltd Location: 17, Duncan Road, Gillingham, Kent, ME7 4LA Classification: Pharmaceutical Manufacturers & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	955	-	577595 168115
95	**Contemporary Trade Directory Entries** Name: J P Designs Location: 8-10, Duncan Road, Gillingham, Kent, ME7 4LE Classification: Precision Engineers **Status: Active** Positional Accuracy: Manually positioned to an adjacent address or location	A18NW (N)	955	-	577556 168109
96	**Contemporary Trade Directory Entries** Name: Southern Ships Spares Location: 47, Settington Avenue, Chatham, Kent, ME5 0AG Classification: Ship Builders, Repairs & Fittings **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	979	-	577348 166209
97	**Contemporary Trade Directory Entries** Name: Parlaford Shotblasting Services Location: 160, Gillingham Road, Gillingham, Kent, ME7 4EY Classification: Blast Cleaning **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	981	-	577805 168148
98	**Contemporary Trade Directory Entries** Name: Short Street Garage Location: 112, Luton Road, Chatham, Kent, ME4 5AD Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	990	-	576716 167146
99	**Contemporary Trade Directory Entries** Name: Boilers 'R' Us Location: 202, Gillingham Road, Gillingham, Kent, ME7 4EY Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A23SE (N)	994	-	577899 168161
100	**Fuel Station Entries** Name: Shell Gillingham Location: 246-254 Nelson Road, GILLINGHAM, Kent, ME7 4NA Brand: SHELL Premises Type: Petrol Station **Status: Open** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	95	-	577691 167260
101	**Fuel Station Entries** Name: Darland Service Station Location: 149-150 Watling Street, Daraand Avenue, GILLINGHAM, Kent, ME7 2YY Brand: ESSO Premises Type: Petrol Station **Status: Open** Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	592	-	578325 166754

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
102	**Fuel Station Entries** Name: Luton Service Station Location: 68-70 Luton High Street, CHATHAM, Kent, ME5 7LJ Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	778	-	577344 166434
103	**Fuel Station Entries** Name: Burtons Garage Location: 31-39, Duncan Road, GILLINGHAM, Kent, ME7 4LA Brand: PROTEUS Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Manually positioned to the address or location	A23SW (N)	997	-	577602 168158

Map ID	Details	Quadrant Reference (Compass	Estimated Distance From Site	Contact	NGR
104	**Local Nature Reserves** Name: Darland Banks Multiple Area: Y Area (m2): 291099.85 Source: Natural England Designation Date: 1st January 1989	A9SW (SE)	943	5	578185 166228

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Medway Council - Environmental Health	April 2008	Annual Rolling Update
Maidstone Borough Council - Environmental Health Department	December 2008	Annual Rolling Update
Swale Borough Council - Environmental Health Department	February 2008	Annual Rolling Update
Tonbridge And Malling Borough Council - Environmental Health Department	January 2009	Annual Rolling Update
Discharge Consents		
Environment Agency - Southern Region	October 2008	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	January 2009	As notified
Integrated Pollution Controls		
Environment Agency - Southern Region	October 2008	Quarterly
Integrated Pollution Prevention And Control		
Environment Agency - Southern Region	October 2008	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Swale Borough Council - Environmental Health Department	January 2008	Annual Rolling Update
Maidstone Borough Council - Environmental Health Department	June 2008	Annual Rolling Update
Tonbridge And Malling Borough Council - Environmental Health Department	June 2008	Annual Rolling Update
Medway Council - Environmental Health	October 2008	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Swale Borough Council - Environmental Health Department	January 2008	Annual Rolling Update
Maidstone Borough Council - Environmental Health Department	June 2008	Annual Rolling Update
Tonbridge And Malling Borough Council - Environmental Health Department	June 2008	Annual Rolling Update
Medway Council - Environmental Health	October 2008	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Swale Borough Council - Environmental Health Department	January 2008	Annual Rolling Update
Maidstone Borough Council - Environmental Health Department	June 2008	Annual Rolling Update
Tonbridge And Malling Borough Council - Environmental Health Department	June 2008	Annual Rolling Update
Medway Council - Environmental Health	October 2008	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	September 2008	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	January 2009	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	January 2009	As notified
Registered Radioactive Substances		
Environment Agency - Southern Region	October 2008	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	September 2007	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	August 2007	Annually
Substantiated Pollution Incident Register		
Environment Agency - Southern Region - Kent Area	October 2008	Quarterly
Water Abstractions		
Environment Agency - Southern Region	October 2008	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2008	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 1999	Not Applicable

Data Currency

Agency & Hydrological	Version	Update Cycle
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Source Protection Zones		
Environment Agency - Head Office	September 2008	Variable
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	January 2009	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	January 2009	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	January 2009	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	January 2009	Quarterly
Flood Defences		
Environment Agency - Head Office	January 2009	Quarterly
Waste	**Version**	**Update Cycle**
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Southern Region - Kent Area	November 2008	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Quarterly
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Southern Region - Kent Area	November 2008	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Southern Region - Kent Area	November 2008	Quarterly
Local Authority Landfill Coverage		
Kent County Council - Waste Management Group	May 2000	Not Applicable
Maidstone Borough Council - Environmental Health Department	May 2000	Not Applicable
Medway Council - Environmental Protection Department	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Tonbridge And Malling Borough Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Maidstone Borough Council - Environmental Health Department	February 2004	Not Applicable
Kent County Council - Waste Management Group	May 2000	Not Applicable
Medway Council - Environmental Protection Department	May 2000	Not Applicable
Swale Borough Council - Environmental Health Department	May 2000	Not Applicable
Tonbridge And Malling Borough Council - Environmental Health Department	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Kent Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	October 2008	Bi-Annually
Explosive Sites		
Health and Safety Executive	January 2009	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Kent County Council	April 2008	Annual Rolling Update
Tonbridge And Malling Borough Council	April 2008	Annual Rolling Update
Maidstone Borough Council	December 2008	Annual Rolling Update
Medway Council	July 2008	Annual Rolling Update
Swale Borough Council	October 2008	Annual Rolling Update
Planning Hazardous Substance Consents		
Kent County Council	April 2008	Annual Rolling Update
Tonbridge And Malling Borough Council	April 2008	Annual Rolling Update
Maidstone Borough Council	December 2008	Annual Rolling Update
Medway Council	July 2008	Annual Rolling Update
Swale Borough Council	October 2008	Annual Rolling Update
Geological	**Version**	**Update Cycle**
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	October 2008	Bi-Annually
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area		
Cheshire Brine Subsidence Compensation Board	November 2002	As notified
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	January 2006	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Natural and Mining Cavities		
Peter Brett Associates	December 2005	Variable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2008	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2008	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2008	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2008	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2008	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2008	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	May 2007	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	May 2007	Annually
Shallow Mining Hazards		
British Geological Survey - National Geoscience Information Service	August 2002	Not Applicable

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	November 2008	Quarterly
Fuel Station Entries		
Catalist Ltd - (Fuel Station Data)	November 2008	Quarterly
Sensitive Land Use	**Version**	**Update Cycle**
Areas of Adopted Green Belt		
Maidstone Borough Council	December 2000	As notified
Medway Council	May 2003	As notified
Tonbridge And Malling Borough Council	September 2007	As notified
Areas of Unadopted Green Belt		
Tonbridge And Malling Borough Council	December 1998	As notified
Maidstone Borough Council	December 2000	As notified
Medway Council	May 2003	As notified
Areas of Outstanding Natural Beauty		
Natural England	December 2008	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2008	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	December 2008	Bi-Annually
Marine Nature Reserves		
Natural England	June 2008	Bi-Annually
National Nature Reserves		
Natural England	December 2008	Bi-Annually
National Parks		
Natural England	January 2008	Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2003	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	May 2007	Annually
Ramsar Sites		
Natural England	December 2008	Bi-Annually
Sites of Special Scientific Interest		
Natural England	December 2008	Bi-Annually
Special Areas of Conservation		
Natural England	December 2008	Bi-Annually
Special Protection Areas		
Natural England	December 2008	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

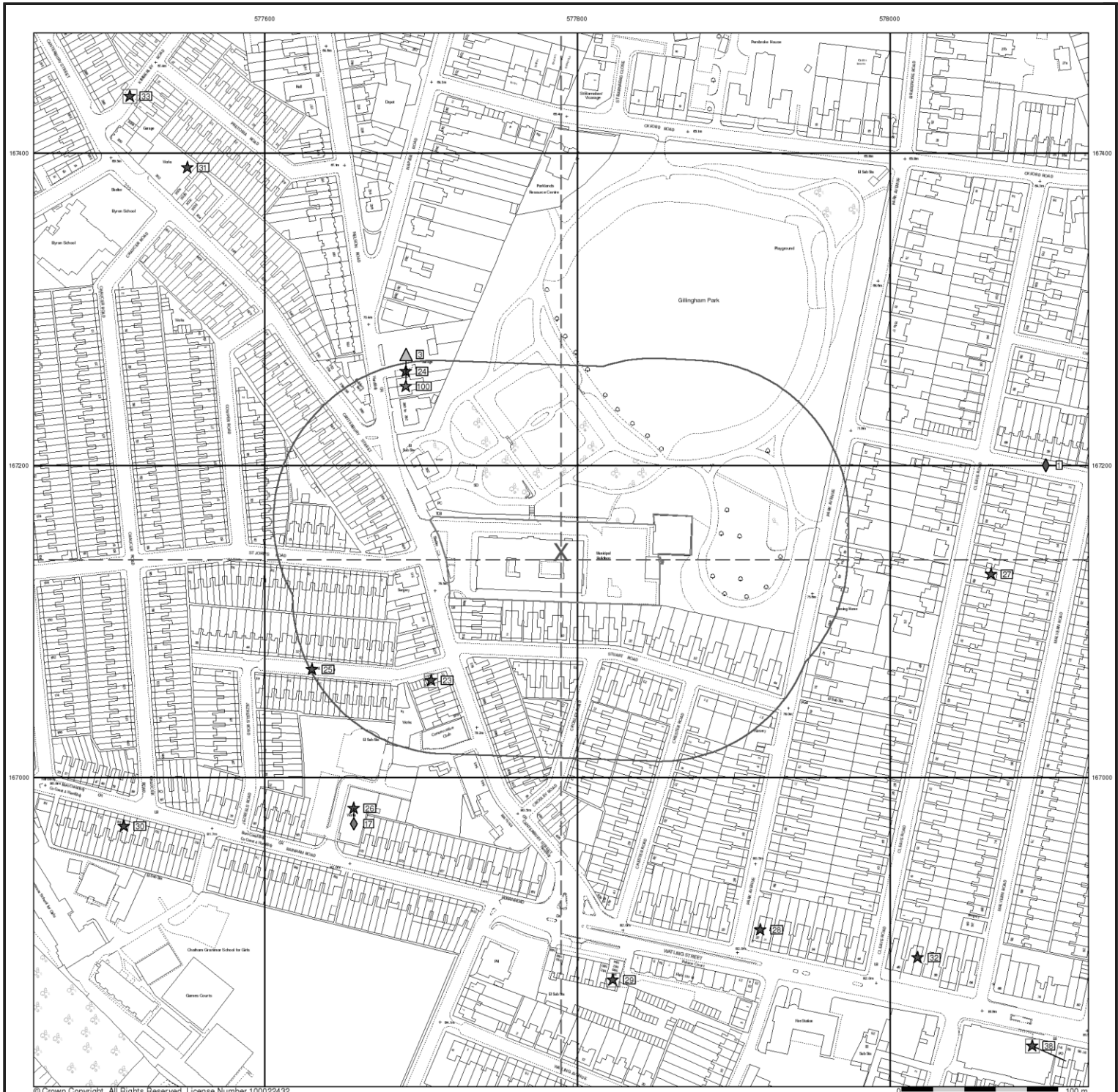
Data Supplier	Data Supplier Logo
Ordnance Survey	Ordnance Survey Licensed Partner
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
The Coal Authority	THE COAL AUTHORITY
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE
Natural England	NATURAL ENGLAND
Health Protection Agency	Health Protection Agency
Ove Arup	ARUP
Peter Brett Associates	pba

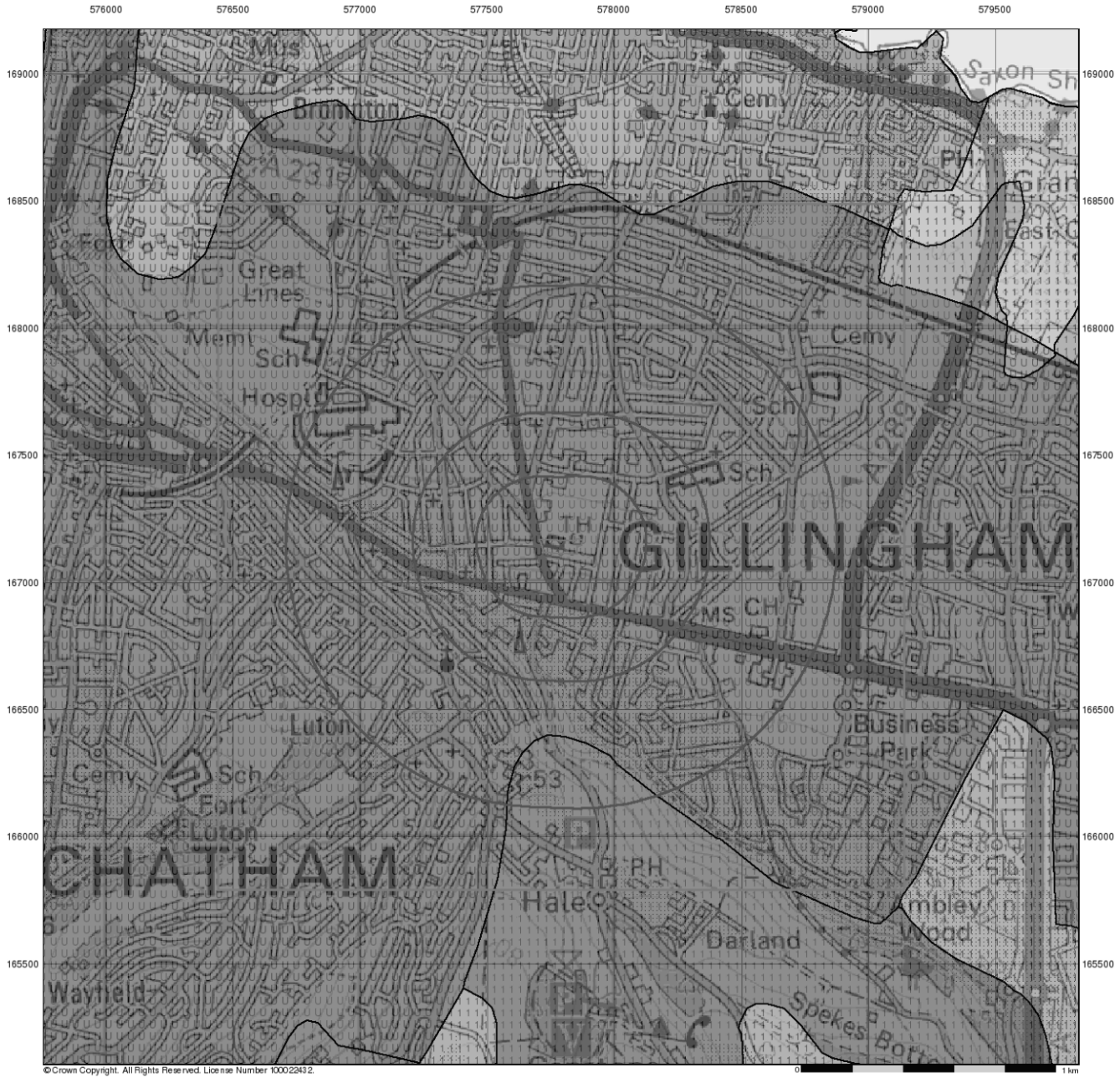
Millard Consulting

Useful Contacts

Contact	Name and Address	Contact Details
1	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	**Medway Council - Environmental Health** Medway Council, Compass Centre, Chatham Maritime, Chatham, Kent, ME4 4YH	Telephone: 01634 727777 Fax: 01634 727777 Website: www.medway.gov.uk
3	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	**Peter Brett Associates** Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
5	**Natural England** Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
6	**Medway Council - Environmental Protection Department** Municipal Buildings, Canterbury Street, Gillingham, Kent, ME7 5LA	Telephone: 01634 306000 Website: www.medway.gov.uk
-	**Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	**Landmark Information Group Limited** The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0870 850 6670 Fax: 0870 850 6671 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / SEPA have a charging policy in place for enquiries.


577600
577800
578000
167400
167200
167000
Gillingham Park
Playground
Pembroke House
Parklands Resource Centre
Byron School
Chatham Grammar School for Girls
Gillingham Fire Station
Gillingham Conservative Club
Masonic Hall
Works
Depot
Garage
Shelter
Hall
Pub
Surgery
Nursery
Clinic
Library
Fire Station
Ch
PH
Sub Sta
Recreation Ground
Tennis Courts
Bowling Green
Canterbury Street
Orchard Road
Gillingham Park Avenue
Clarence Road
Cross Street
Wingfield Street
Warwick Road
Watling Street
St Johns Road
Stuart Road
Chatham Hill
Gillingham Conservancy Board
Co Coast a Dwelling
Co Coast a Flat
Co Coast a Shop
Co Coast a Surgery
Co Coast a Workshop
Co Coast a Yard
Co Coast Garage
Co Coast Public Open Space
Co Coast Sub Sta
Co Coast Works
Co Coast Yard
Co Coast Youth Club
Co Coast Youth Hostel
Co Coast Youth Hostel Yard
Co Coast Youth Hostel Yard
Co Coast Youth Hostel Yard



Millard Consulting

Groundwater Vulnerability

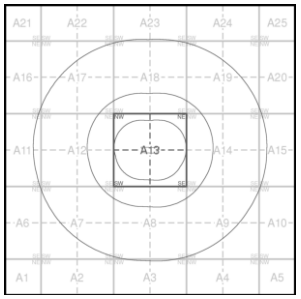
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes	Soil Classes
Major Aquifer (Highly Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Minor Aquifer (Variably Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Non Aquifer (Negligibly Permeable)	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice A



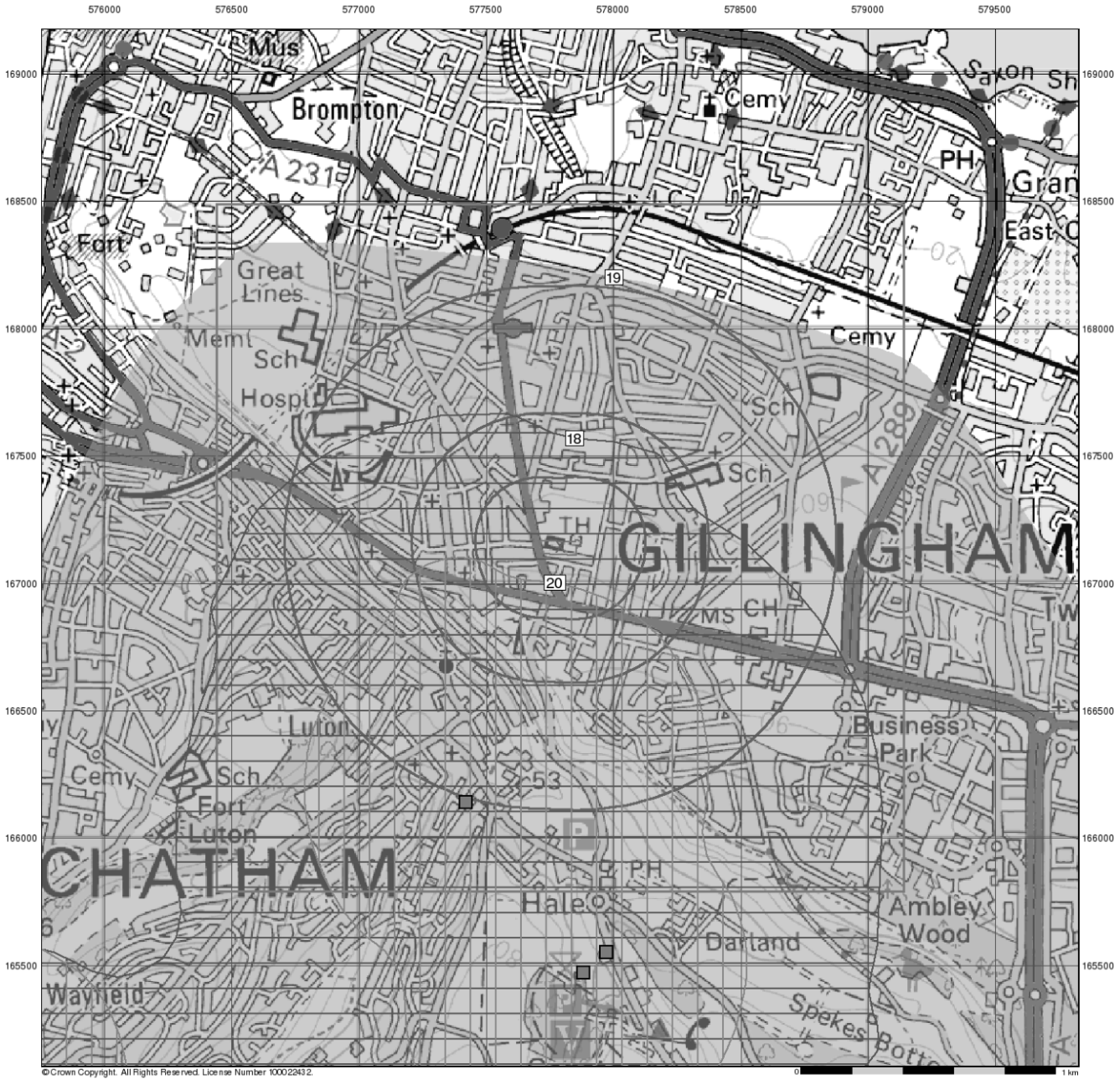
Order Details

Order Number:	27141249_1_1
Customer Ref:	10705
National Grid Reference:	577790, 167140
Slice:	A
Site Area (Ha):	0.77
Search Buffer (m):	1000

Site Details

Doctors Surgery, 218 Canterbury Street, GILLINGHAM, Kent, ME7 5XL

LANDMARK Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Millard Consulting

Source Protection Zones

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Slice | Map ID

Agency and Hydrological

Source Protection Zone I

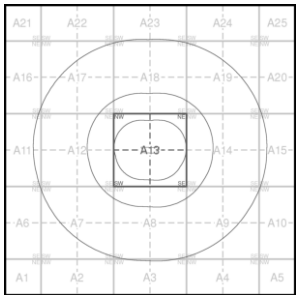
Source Protection Zone II

Source Protection Zone III

Zone of Special Interest

Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

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Customer Ref:	10705
National Grid Reference:	577790, 167140
Slice:	A
Site Area (Ha):	0.77
Search Buffer (m):	1000

Site Details

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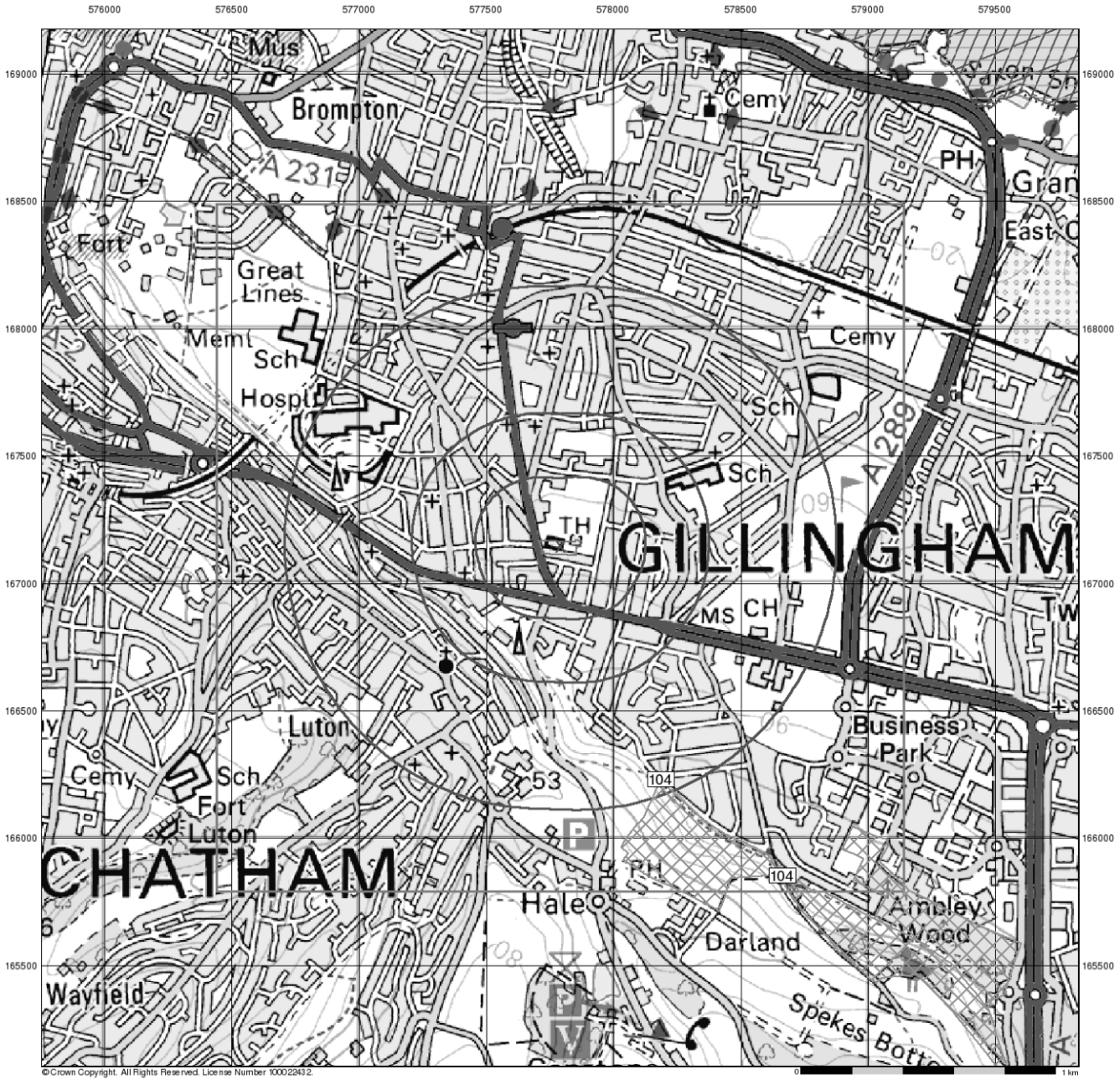


Millard Consulting

Sensitive Land Uses

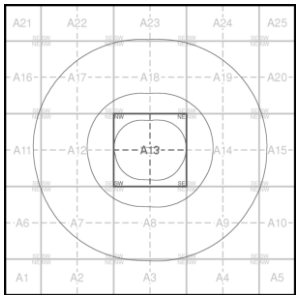
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Sensitive Land Uses

- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Site Sensitivity Context Map - Slice A



Order Details

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Customer Ref:	10705
National Grid Reference:	577790, 167140
Slice:	A
Site Area (Ha):	0.77
Search Buffer (m):	1000

Site Details

Doctors Surgery, 218 Canterbury Street, GILLINGHAM, Kent, ME7 5XL

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

APPENDIX D

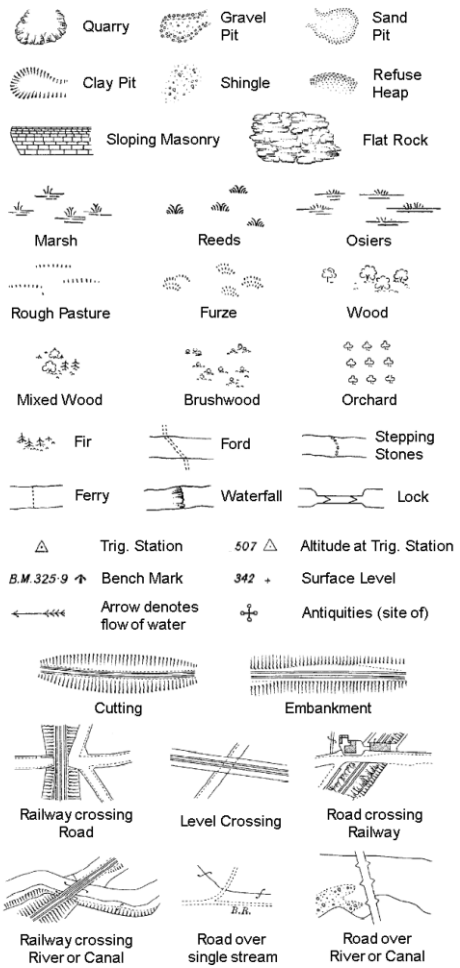
REPLIES FROM CONSULTEES

APPENDIX E

HISTORICAL ORDNANCE SURVEY MAPS

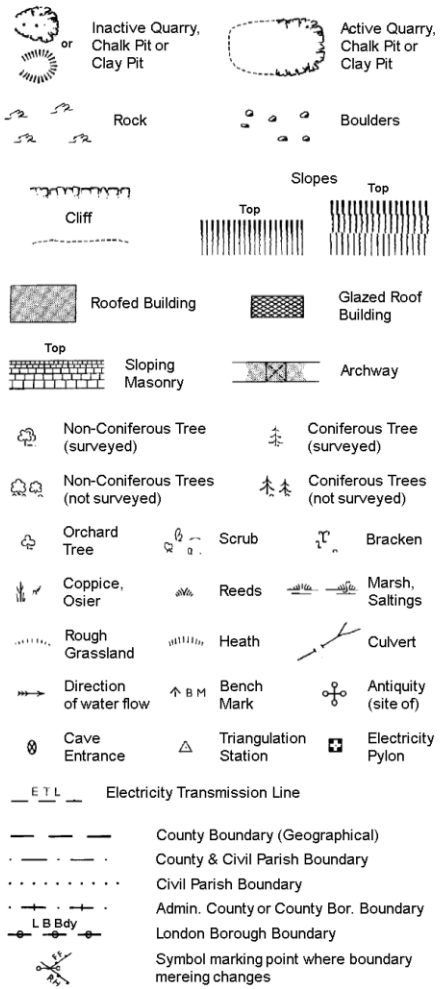
Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



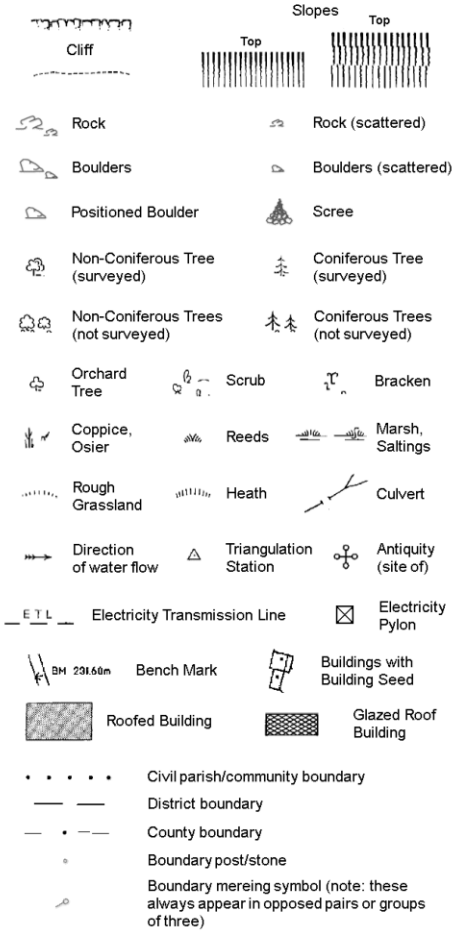
B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250



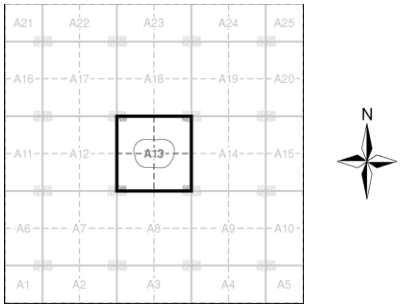
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

Millard Consulting

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Kent	1:2,500	1866 - 1874	2
Kent	1:2,500	1896	3
Kent	1:2,500	1909	4
Kent	1:2,500	1932 - 1938	5
Ordnance Survey Plan	1:1,250	1954	6
Ordnance Survey Plan	1:2,500	1955	7
Additional SIMs	1:2,500	1955	8
Ordnance Survey Plan	1:2,500	1967 - 1970	9
Ordnance Survey Plan	1:1,250	1971 - 1973	10
Supply of Unpublished Survey Information	1:1,250	1973	11
Additional SIMs	1:1,250	1977 - 1989	12
Additional SIMs	1:1,250	1986	13
Additional SIMs	1:1,250	1988	14
Large-Scale National Grid Data	1:1,250	1994	15

Historical Map - Segment A13



Order Details

Order Number: 27141249_1_1
Customer Ref: 10705
National Grid Reference: 577790, 167140
Slice: A
Site Area (Ha): 0.77
Search Buffer (m): 100

Site Details

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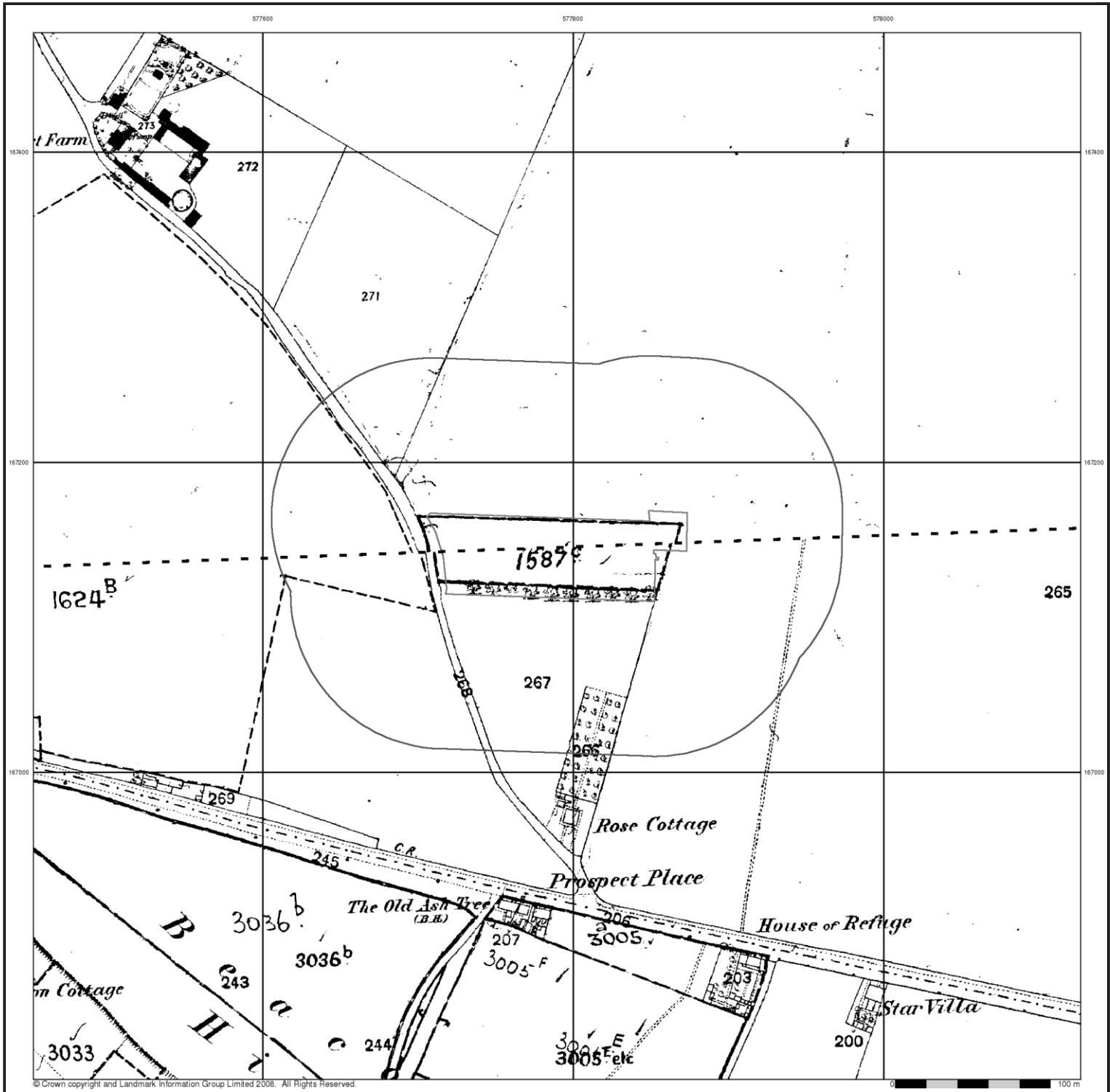
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Millard Consulting

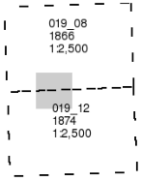
Kent

Published 1866 - 1874

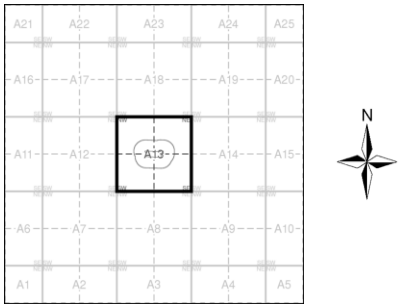
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



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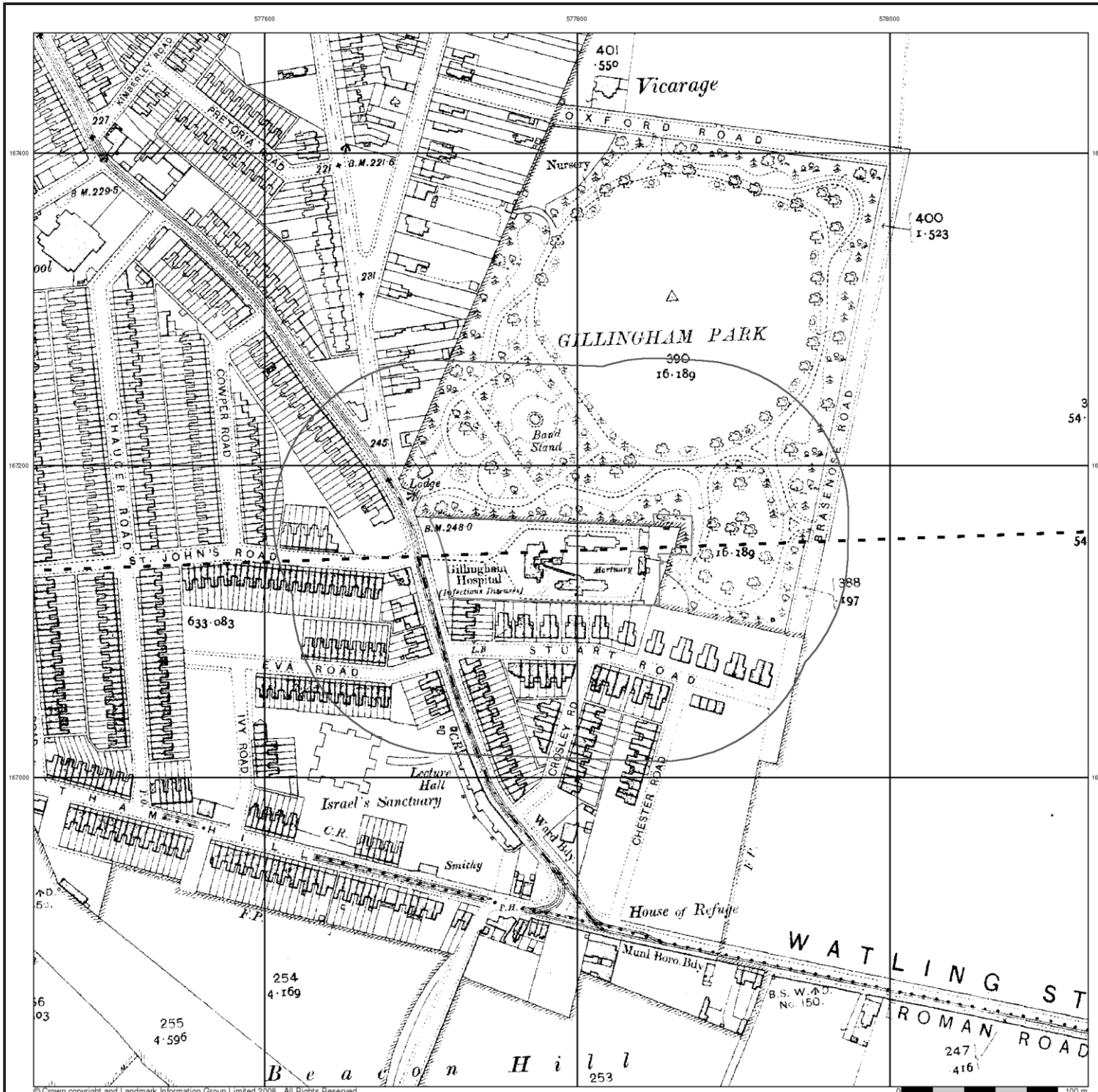

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Millard Consulting

Kent

Published 1909

Source map scale - 1:2,500

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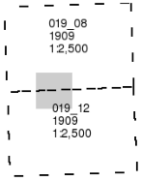
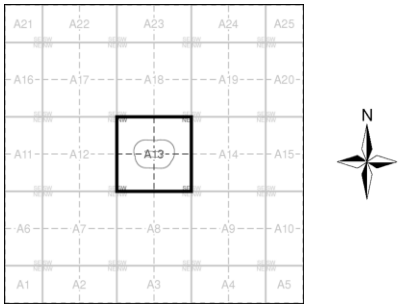
Map Name(s) and Date(s)



Historical Map - Segment A13



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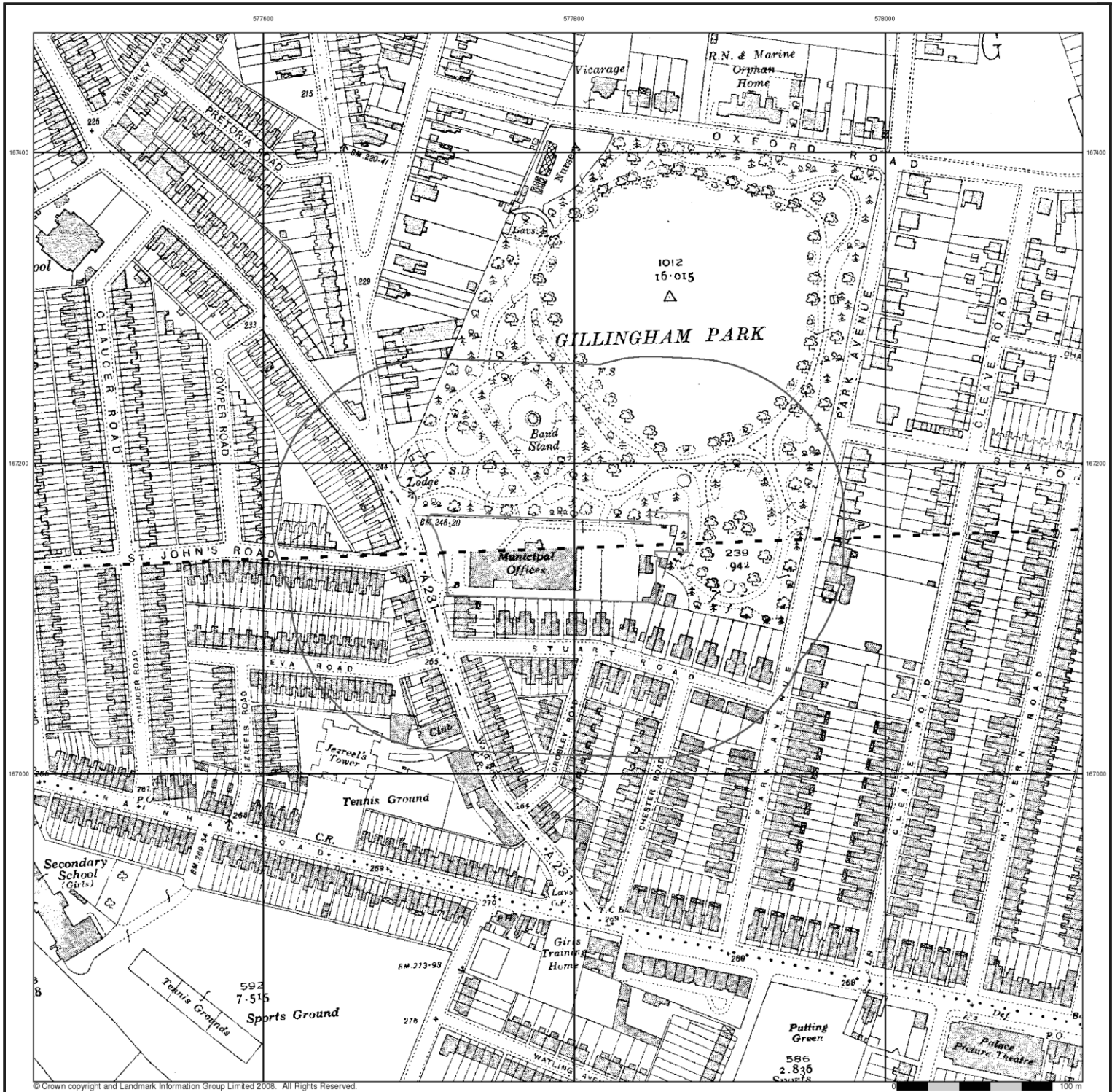

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Kent

Published 1932 - 1938

Source map scale - 1:2,500

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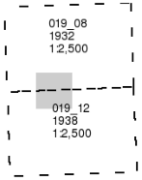
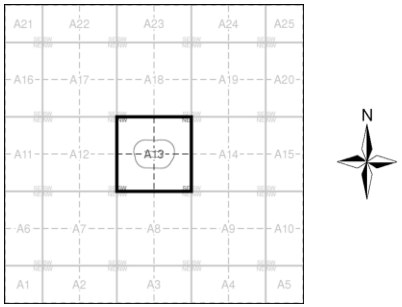
Map Name(s) and Date(s)



Historical Map - Segment A13



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Ordnance Survey Plan

Published 1954

Source map scale - 1:1,250

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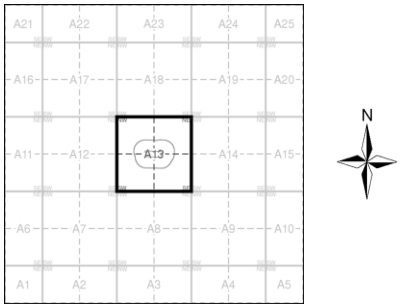
Map Name(s) and Date(s)

TQ7767SW 1954 1:1,250	TQ7767SE 1954 1:1,250	TQ7867SW 1954 1:1,250
TQ7766NW 1954 1:1,250	TQ7766NE 1954 1:1,250	TQ7866NW 1954 1:1,250

Historical Map - Segment A13



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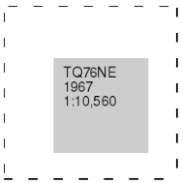
Ordnance Survey Plan

Published 1967

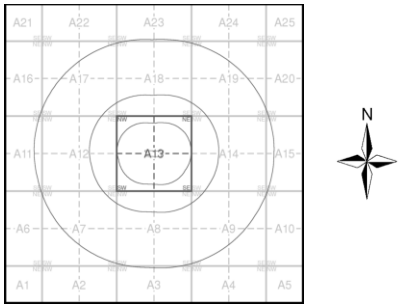
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	27141249_1_1
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Ordnance Survey Plan

Published 1971 - 1973

Source map scale - 1:1,250

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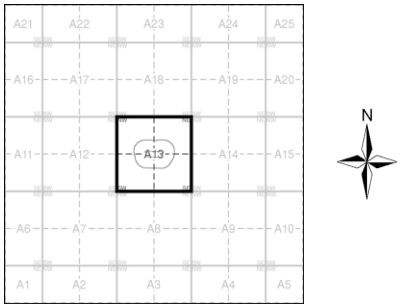
Map Name(s) and Date(s)

TQ7767SW 1972 1:1,250	TQ7767SE 1971 1:1,250	TQ7867SW 1973 1:1,250
TQ7766NW 1972 1:1,250	TQ7766NE 1971 1:1,250	TQ7866NW 1971 1:1,250

Historical Map - Segment A13



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10k Raster Mapping

Published 1999

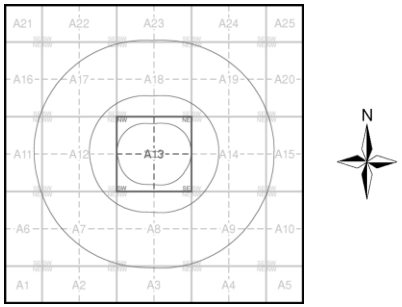
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

TQ76NE
1999
1:10,000

Historical Map - Slice A



Order Details

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National Grid Reference:	577790, 167140
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Millard Consulting

10k Raster Mapping

Published 2008

Source map scale - 1:10,000

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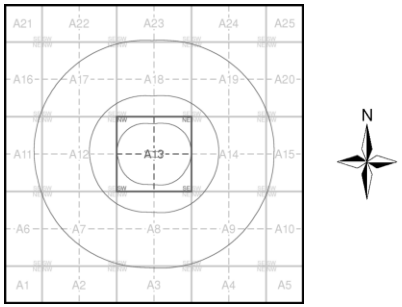
Map Name(s) and Date(s)

TQ76NE
2008
1:10,000

Historical Map - Slice A



Order Details

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APPENDIX F
NOTES ON LIMITATIONS

MILLARD CONSULTING, ENVIRONMENTAL CONSULTANCY SERVICES

NOTES ON LIMITATIONS

General

Millard Consulting have completed the attached report for the use of the Client detailed on the front cover and those parties with whom a warranty agreement has been executed, or with whom an assignment has been agreed.

Third parties should not use or rely upon the contents of the report unless written approval has been gained from Millard Consulting; (due to legal requirements, a charge may be levied against such approval).

Millard Consulting accepts no responsibility or liability for:

a) the consequences of this documentation being used for any purpose or project other than that for which it was commissioned, and

b) this document to any third party with whom approval for use has not been agreed.

Phase I Environmental Risk Assessments, Desk Studies and Site Audits

The work completed and utilised to provide this report comprises a study of available documentation. The opinions and results presented in this report have been arrived at by utilising the finite amount of data available at the time of writing and are relevant only to the purpose for which the report was commissioned. The data which has been reviewed should not be considered exhaustive and has been accepted in good faith as providing true and representative information pertaining to site conditions. Should additional information become available which may affect the opinions expressed in this report, Millard Consulting reserves the right to review this information and, if warranted, to modify the opinions presented in the report accordingly.

It should be noted that the risks which are identified in this report are perceived risks based on the available information at the time of writing and that the actual risks associated can only be assessed following a physical investigation of the site.

Phase II Intrusive Environmental Audits

The intrusive investigation has been completed to provide information concerning the type and degree of contamination present along with ground and groundwater conditions which facilitates a reasonable risk assessment to be completed. The stated objectives of the ground investigation have been limited to assessing the proven risks which are associated with potential human targets, building materials, the environment (including adjacent land), and to surface and groundwater.
The amount of exploratory work, chemical testing and monitoring completed as part of this project has potentially been restricted by the short timescale available, and the locations of exploratory holes undertaken have potentially been restricted to areas unoccupied by buildings and buried services. A more comprehensive post demolition/decommission investigation may be required if the site is to be redeveloped. For these reasons any costs included in relation to site remediation must be considered as tentative only at this time.

The exploratory holes investigate only a small volume of the ground in relation to the size of the site and therefore, can only provide a “snap shot” or general indication of ground conditions located on the site. The fact that the site has been investigated does not preclude the existence of localised “hotspots” of contamination where concentrations may be significantly higher than those actually encountered.

The risk assessment and opinions provided in this report take into account currently available guidance values relating to acceptable contamination concentrates; no liability can be accepted for the retrospective effects of any future changes or amendments to these values.

Intrusive Geo-environmental Investigations

The intrusive investigation of the site has been completed to provide sufficient information concerning the type and degree of contamination, geotechnical characteristics, and ground and groundwater conditions to provide a reasonable assessment of any associated risks together with engineering and development implications.

The exploratory holes investigate only a small volume of the ground in relation to the size of the site and therefore, can only provide a “snap shot” or general indication of ground conditions located on the site. The opinions provided and recommendations given in this report are based only on the ground conditions apparent at the site of the exploratory holes. It should be noted that there may be exceptional ground conditions elsewhere on the site which have not been disclosed by this investigation and which have therefore not been taken into account in this report.

The comments concerning groundwater conditions are based on observations made at the time of completion of site work. It should be noted that groundwater levels will vary owing to seasonal, tidal and weather related effects.

The scope of the investigation completed was selected on the basis of the specific development being proposed by the Client and is likely to be inappropriate to another form of development or scheme.

The risk assessment and opinions provided in this report take in to consideration currently available guidance values relating to acceptable contamination concentrations; no liability can be accepted for the retrospective effects of any future changes or amendments to these values.`

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